Memorandum

To: Tony Blackman

From: Terri Beale

Date: 9/6/01

Re: Search Request – 09/383,738

Attached, please find the results of your search request 09/383,738. Please feel free to contact me if you have additional questions or concerns, or if you would like a refocus. Thank you and have a great day.

Terri Beale
EIC 2600
703-306-0254

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TITLE: WINDOW SYSTEM, COMPUTER SYSTEM, AND WINDOW DISPLAY METHOD

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INVENTOR-INFORMATION:
NAME
IWAMURA, ETSUJI
NAKAMURA, MASAYOSHI

ASSIGNEE-INFORMATION:
NAME   COUNTRY
TOSHIBA CORP   N/A

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ABSTRACT:
PROBLEM TO BE SOLVED: To maintain display contents which were displayed before
the size of a window is changed even after the change by managing the display
contents with vector data.

SOLUTION: An external position specifying process part 12 divides the whole
screen including all windows into several parts and manages them. When there
are the windows in sections corersponding to the divided and managed parts,
the
depression of a button of a position specifying device 4 which correspond to
the section is detected when the button is pressed, and an indication is sent
to a screen display management part 13 so that the window screen linked with
the button is enlarged and displayed. When a window screen whose display is
managed with a vector is varied in size, a management part 13 acquires the
varied size. On the basis of the acquired result, the size of display vector
data stored in a vector data storage part 14 is varied by a vector conversion
part 16. Consequently, while the display contents of the window screen are
held, the size of the window is varied.

(51)Int.Cl.⁶	識別記号	庁内整理番号	FI		技術表示箇所
G06F　3/14	350		G06F　3/14	350A	

審査請求　未請求　請求項の数8　OL　（全 10 頁）
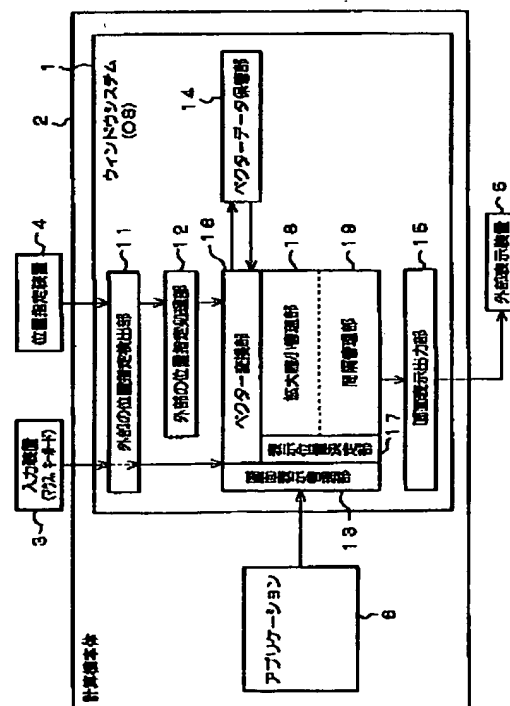
(54)【発明の名称】　ウィンドウシステム及び計算機システム並びにウインドウ表示方法

(57)【要約】

【課題】　本発明は、ウィンドウの大きさを変更しても、変更前に表示されていた内容を維持することを可能とする。

【解決手段】　計算機システムに組み込まれており、かつ、計算機システムの画面上にウィンドウ表示を行うウィンドウシステムにおいて、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベクターデータの大きさを変更することによりウィンドウの変更と同じ割合で前記表示内容の大きさを変更するウィンドウシステム。

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【特許請求の範囲】

【請求項１】　計算機システムに組み込まれており、かつ、前記計算機システムの画面上にウィンドウ表示を行うウィンドウシステムにおいて、

前記ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、前記ウィンドウの大きさを変更するときには、前記ベクターデータの大きさを変更することにより前記ウィンドウの変更と同じ割合で前記表示内容の大きさを変更することを特徴とするウィンドウシステム。

【請求項２】　画面上にウィンドウ表示を行う計算機システムにおいて、

前記画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を前記区画単位で指定する入力手段と、

前記入力手段により指定された位置に存在するウィンドウを、前記画面の前面に表示させる画面表示管理手段とを備えたことを特徴とする計算機システム。

【請求項３】　前記表示管理手段は、前記ウィンドウを画面の前面に表示する際、当該ウィンドウを拡大することを特徴とする請求項２記載の計算機システム。

【請求項４】　前記表示管理手段は、複数のウィンドウを画面の前面に表示する際、ウィンドウ同士が重ならないように、ウィンドウの位置及び拡大率を調整することを特徴とする請求項２又は３記載の計算機システム。

【請求項５】　画面上にウィンドウ表示を行うウィンドウシステムが組み込まれた計算機システムにおいて、

前記画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を前記区画単位で指定する入力手段を備え、

前記ウィンドウシステムは、

前記ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、前記ウィンドウの大きさを変更するときには、前記ベクターデータの大きさを変更することにより前記ウィンドウの変更と同じ割合で前記表示内容の大きさを変更する手段と、

前記入力手段により指定された位置に存在するウィンドウを、前記画面の前面に表示させる手段とを有することを特徴とする計算機システム。

【請求項６】　画面上にウィンドウ表示を行う計算機システムにおいて、

前記画面を分割する複数の区画の各々に対応した複数の入力部により、前記画面上の位置を指定する入力手段と、

前記入力手段により指定された位置に存在するウィンドウを、前記画面の前面に表示させる画面表示管理手段とを備えたことを特徴とする計算機システム。

【請求項７】　計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、

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前記ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、前記ウィンドウの大きさを変更するときには、前記ベクターデータの大きさを変更することにより前記ウィンドウの変更と同じ割合で前記表示内容の大きさを変更することを特徴とするウィンドウ表示方法。

【請求項８】　計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、

前記画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を前記区画単位で指定するステップと、

前記画面上の指定された位置に存在するウィンドウを、前記画面の前面に表示させるステップとを有することを特徴とするウィンドウ表示方法。

【発明の詳細な説明】

【０００１】

【発明の属する技術分野】本発明は、ウィンドウ表示を行うウィンドウシステム及び計算機システム並びにウインドウ表示方法に関するものである。

【０００２】

【従来の技術】近年、計算機システムにおける画面表示は複数のウィンドウを用いて行われるのが一般的になっている。かかるウィンドウの表示を行うウィンドウシステムは、少なくとも１つ以上のアプリケーションを１つの物理的な表示装置上に同時表示及び混在表示可能な表示システムである。

【０００３】ウィンドウを用いることにより、画面に表示されたアプリケーション内容が見易くなり、その表示内容の取り扱いも容易になる。つまり、ウィンドウ表示は、計算機システムにおいて、表示に関する取り扱い、使い勝手を向上させるものである。

【０００４】

【発明が解決しようとする課題】しかしながら、従来の計算機システムにおけるウィンドウ表示方法では、ウィンドウの大きさを変更しても例えば文字の大きさなどがそのままでは、ウィンドウの大きさに応じて当該ウィンドウが表示できる内容量も変ることとなる。このような場合、参照したいデータが見えなくなるということもしばしば生じる。

【０００５】特に、ウィンドウ大きさ変更に伴う各ウィンドウのタイトルバーやメニューバーの大きさ変更により、当該タイトル内容等が著しく見にくくなることがある。つまり、従来の表示方法では、ウィンドウ表示を小さくした場合に、タイトル内容やメニュー内容を示す文字等のすべてを表示できないこととなる。

【０００６】一方、他のウィンドウの後ろに隠れたウィンドウを画面の前面に表示させたい場合がある。このとき、従来の方法では、１つ１つのウィンドウを移動させたり消去したりする等のウィンドウ操作を行うことで目的のウィンドウを全面に表示させている。しかし、この

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ようなウィンドウ操作は、面倒で手間のかかるものであり、作業効率を低下させる要因となっていた。

【０００７】本発明は、このような実情を考慮してなされたもので、その第１の目的は、ウィンドウの大きさを変更しても、変更前に表示されていた内容を維持させることが可能なウィンドウシステム及びウィンドウ表示方法を提供することにある。

【０００８】また、第２の目的は、簡易な操作で、画面の後ろに隠れているウィンドウを画面の前面に表示させることが可能な計算機システム及びウィンドウ表示方法を提供することにある。

【０００９】さらに、第３の目的は、いくつかのウィンドウを前面に拡大表示させた際、拡大されたウィンドウ同士が重ならないように表示させることが可能な計算機システムを提供することにある。

【００１０】

【課題を解決するための手段】上記課題を解決するために、請求項１に対応する発明は、計算機システムに組み込まれており、かつ、計算機システムの画面上にウィンドウ表示を行うウィンドウシステムにおいて、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベクターデータの大きさを変更することによりウィンドウの変更と同じ割合で前記表示内容の大きさを変更するウィンドウシステムである。

【００１１】また、請求項２に対応する発明は、画面上にウィンドウ表示を行う計算機システムにおいて、画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を区画単位で指定する入力手段と、入力手段により指定された位置に存在するウィンドウを、画面の前面に表示させる画面表示管理手段とを備えた計算機システムである。

【００１２】さらに、請求項３に対応する発明は、請求項２に対応する発明において、表示管理手段は、ウィンドウを画面の前面に表示する際、当該ウィンドウを拡大する計算機システムである。

【００１３】次に、請求項４に対応する発明は、請求項２又は３に対応する発明において、表示管理手段は、複数のウィンドウを画面の前面に表示する際、ウィンドウ同士が重ならないように、ウィンドウの位置及び拡大率を調整する計算機システムである。

【００１４】さらに、請求項５に対応する発明は、画面上にウィンドウ表示を行うウィンドウシステムが組み込まれた計算機システムにおいて、画面を分割する複数の区画に対応した入力を行うことにより、画面上の位置を前記区画単位で指定する入力手段を備え、ウィンドウシステムは、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベク

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ターデータの大きさを変更することによりウィンドウの変更と同じ割合で前記表示内容の大きさを変更する手段と、入力手段により指定された位置に存在するウィンドウを、画面の前面に表示させる手段とを有する計算機システムである。

【００１５】また、請求項６に対応する発明は、画面上にウィンドウ表示を行う計算機システムにおいて、画面を分割する複数の区画の各々に対応した複数の入力部により、画面上の位置を指定する入力手段と、入力手段により指定された位置に存在するウィンドウを、画面の前面に表示させる画面表示管理手段とを備えた計算機システムである。

【００１６】次に、請求項７に対応する発明は、計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベクターデータの大きさを変更することによりウィンドウの変更と同じ割合で表示内容の大きさを変更するウィンドウ表示方法である。

【００１７】また、請求項８に対応する発明は、計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、画面を分割する複数の区画に対応した入力を行うことにより、画面上の位置を区画単位で指定するステップと、画面上の指定された位置に存在するウィンドウを、画面の前面に表示させるステップを有するウィンドウ表示方法である。

（作用）したがって、まず、請求項１及び７に対応する発明のウィンドウシステムにおいては、ウィンドウ表示内容がベクターデータつまりベクトルのデータによって管理されているので、そのウィンドウ拡大縮小に合せて内容自体の大きさも変更可能である。そして、ウィンドウの大きさ変更時にタイトル表示やメニュー表示をも合せて拡大縮小し、その情報の漏れなどが生じないようにしている。

【００１８】次に、請求項２及び８に対応する発明の計算機システムにおいては、画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置が区画単位で指定されるようになっている。

【００１９】そして、画面表示管理手段により、指定された位置に存在するウィンドウが画面の前面に表示される。また、請求項３に対応する発明の計算機システムにおいては、請求項２に対応する発明と同様に作用する他、ウィンドウを画面の前面に表示する際、当該ウィンドウが拡大される。

【００２０】次に、請求項４に対応する発明の計算機システムにおいては、請求項２又は３に対応する発明と同様に作用する他、複数のウィンドウを画面の前面に表示する際、ウィンドウ同士が重ならないように、ウィンドウの位置及び拡大率が調整される。したがって、後ろに

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隠れた所望のウィンドウを前面に出しつつ、指定位置で当初表に表示されているウィンドウについて前面での表示を維持することができる。また、請求項5に対応する発明の計算機システムにおいては、請求項1及び2に対応する発明と同様に作用する。

【００２１】

【発明の実施の形態】以下、本発明の実施の形態について説明する。

（発明の第1の実施の形態）図1は本発明の第1の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図である。

【００２２】この計算機システムは、ウィンドウシステム1が組み込まれた計算機本体2に入力装置3及び位置指定装置4とＣＲＴ等からなる外部表示装置5とが接続されてなっている。

【００２３】計算機本体2は、パソコンやワークステーション等からなり、上記ウィンドウシステムの他、所定の目的を達成するためのアプリケーションプログラムを少なくとも1つ有している。

【００２４】入力装置3は、マウスやキーボードからなり、通常のテキスト入力等やウィンドウ画面上の位置指定入力等を行うためのものである。位置指定装置4は、外部表示装置の画面を区画分けしたときの区画に対応するようなキー配列を持つテンキー状のキー入力装置、もしくはタブレットのような入力装置である。なお、以下、位置指定装置4における区画に対応する入力部分をボタンと呼び、例えばキー入力装置の場合、区画に対応する各キーがボタンに相当する。

【００２５】ウィンドウシステム1は、少なくとも1つ以上のアプリケーションを1つの物理的な表示装置上に同時表示及び混在表示可能な表示システムであり、本実施の形態においてはオペレーションシステムとしても機能している。

【００２６】また、このウィンドウシステム1には、入力装置3及び位置指定装置4からの入力を検出する外部の位置指定検出部11と、外部の位置指定処理部12と、画面表示管理部13と、ベクターデータ保管部14と、画面表示出力部15とが設けられている。

【００２７】外部の位置指定処理部12は、位置指定装置4からの入力があったときに、外部の位置指定検出部11にて検出された画面上の区画の情報に基づき、その区画上のウィンドウを画面前面の拡大表示するように画面表示管理部13に指示する。

【００２８】つまり、外部の位置指定処理部12は、全てのウィンドウを含む画面全体をいくつかの部分に分割管理するものである。分割管理されるそれぞれの部分に対応する区画にウィンドウがある場合、その区画に対応する位置指定装置4のボタンが押されるとこれを検出し、当該ボタンとリンクされたウィンドウ画面を前面に拡大表示させるよう画面表示管理部13に指示する。

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【００２９】画面表示管理部13は、各ウィンドウ画面をベクターデータで管理し、外部の位置指定検出部11又は外部の位置指定処理部12からの入力に基づき、ウィンドウをベクターデータとして画面表示する。

【００３０】また、ウィンドウへの表示データをベクター変換し、画面に対応しているボタン操作によるウィンドウの選択および拡大配置処理を行うため、画面表示管理部13には、ベクター変換部16と表示位置決定部17とが設けられている。さらに、表示位置決定部17には拡大縮小管理部18と間隔管理部19とが設けられている。

【００３１】ベクター変換部16は、アプリケーション6が作成したウィンドウに表示する内容をベクターデータ（ベクトルデータ）に変換し、ベクターデータ保管部14に保管し、また、ウィンドウ画面の表示を変更するときに、ベクターデータ保管部14から該当するベクターデータを取り出す。

【００３２】さらに、ベクター変換部16は、変換したベクターデータをウィンドウシステムで管理している画面内の対応する区画とリンクさせる。表示位置決定部17は、外部の位置指定処理部12にて指定された区画（ボタン）上にあるウィンドウを所定の拡大率に拡大して前面表示すると共に、押されたボタン上に複数のウィンドウが存在し所定倍率では重なり合いが生じるときにはウィンドウ間の間隔・拡大縮小率を調整するようになっている。

【００３３】拡大縮小管理部18は、ウィンドウ画面の拡大縮小率を管理し、間隔管理部19は、ウィンドウ画面間の間隔を調整する。また、上記構成では、ウィンドウシステム側の画面表示管理部13で各処理が実行されるため、アプリケーションレベルでの介在は無く、ウィンドウシステム側が備えた全自動機能となっている。

【００３４】次に、以上のように構成された本発明の実施の形態に係るウィンドウシステムの動作について説明する。アプシケーション6の作成したウィンドウの表示データをベクターデータとして表示し、さらに、画面に対応したボタンを押した場合におけるウィンドウの拡大表示および配置について図2～図8に沿って説明する。

【００３５】図2及び図3は本実施の形態のウィンドウシステムの動作を示す流れ図である。図4は本実施の形態のウィンドウシステムの動作を示す説明図である。

【００３６】まず、図2のステップＳＴ1において、ウィンドウシステム1下で動作するアプリケーション6の表示データ21を、図4に示すようにウィンドウシステム1の画面表示管理部13でベクターデータに変換し、さらに画面表示をベクターで管理し外部表示装置5の表示画面にウィンドウ画面22として表示する。

【００３７】さらに、そのウィンドウをウィンドウシステム1で管理している画面の対応する区画と対応づけさせる（ＳＴ2）。このように表示されたウィンドウ画面

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22の大きさを変更する場合について説明する。

【0038】図5は本実施の形態におけるウィンドウの大きさ変更の様子を示す図である。ここで図5（b），（c）は、図5（a）のウィンドウ画面をマウス等の入力によりその大きさを変更した結果を示している。

【0039】ベクターで表示を管理しているウィンドウ画面22に対して、ウィンドウの大きさの変更を行うと、画面表示管理部13が変更された大きさを取得する。そして、取得した結果を基にして、ベクターデータ保管部14に保管される表示ベクターデータの大きさをベクター変換部16にて変更する。

【0040】これにより、図5（b），（c）のウィンドウ画面23，24に示すように、ウィンドウ画面22の表示内容が維持されたまま、ウィンドウの大きさが変更される。

【0041】すなわち、ウィンドウがどのような大きさに変更されたとしても、タイトルバー22a，23a，24aもしくはメニューバー含めてウィンドウに表示されるデータの大きさも変更され、表示内容を維持する。つまり、タイトルバーの大きさが小さくなってもそのタイトル表示文字等が非表示となることはない。

【0042】次に、図2のステップST3において、位置指定装置4により入力があり、ウィンドウ画面が存在する区画が指定されると、すなわち対応するボタンが押されると、画面表示管理部13は、該当する画面の位置に存在しているウィンドウを画面の前面に移動させ、ウィンドウの大きさを拡大する（ST6）。この時の様子を図6、図7を用いて説明する。

【0043】図6は本実施の形態における表示画面と位置指定装置4のボタンとの対応関係を示す図である。図7は本実施の形態においてあるボタンが押されたときのウィンドウ画面の表示状態の変化を示す図である。

【0044】図6において、外部表示装置5の画面は、区画25に分割されているが、この各区画25は位置指定装置4のキーつまりボタン26にそれぞれ対応している。同図において例えば区画25aがボタン26aに対応している。従って、ウィンドウ画面22は、ボタン26b，26c，26d，26e，26f，26gと対応付けられている。

【0045】図7（a）において、区画25bはウィンドウ画面22とのみ対応付けられている。したがって、区画25bに対応するボタン26bが押されると、ボタンにより指定された区画にはウィンドウがあると判定され（図2：ST4）、さらに当該区画には1つのウィンドウがあると判定されて（図2：ST5）、当該ウィンドウ画面は、同図（b）に示すように画面前面に，つまりウィンドウ画面27の前に拡大表示される（図2：ST6）。

【0046】このとき、ウィンドウの表示データはベクターデータで管理されているため、図5で説明したよう

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にウィンドウの表示内容は維持される。次に、押されたボタンに対応する区画上に複数のウィンドウ画面が存在する場合について図8を用いて説明する。

【0047】図8は本実施の形態において、指定された区画上に複数のウィンドウ画面が存在するときの拡大表示の様子を示す図である。ここで、ボタンを押すことにより、指定した画面上の位置に、複数のウィンドウが存在した場合においては、該当する全てのウィンドウを画面の前面に移動させ、各ウィンドウを同時に拡大する。

【0048】図8に示す場合は、区画25hに対応するボタンが押されるとき、指定された区画25hに対応するウィンドウは、ウィンドウ画面22とウィンドウ画面29の2つである。

【0049】したがって、図2の流れ図においては、指定された位置に複数のウィンドウが存在することとなり（ST5）、複数のウィンドウが同時に画面の前面に拡大表示されることとなる（ST7）。

【0050】ここで、表示を拡大する前に、拡大することにより重なり合いを解消できるように、画面表示管理部13で、ウィンドウの大きさの変化に対してウィンドウ間の間隔を大きく取るように間隔及び拡大率を管理する。これにより、上記において、複数のウィンドウを拡大しても、ウィンドウ同士が重なり合わないように、また既に重なっているウィンドウ同士を重なりを解消できるようにして、ウィンドウを配置し拡大表示する。

【0051】具体的には図2及び図3における以下の動作の通りとなる。まず、外部表示装置5上に実際に表示される前に、拡大されるウィンドウが重なり合っているか否かが調べられる（ST8）。このとき、重なり合っていなければそのまま表示され、重なり合っているときには表示位置決定部17の間隔管理部19によりウィンドウ画面間の間隔が大きくされる（ST9）。

【0052】ウィンドウ画面間の間隔が大きくされたときには、拡大されたウィンドウ同士が重なっているか否かが調べられる（ST10）。このとき、重なりが解消されていれば、データが画面表示出力部15に引き渡されて表示され、重なりが解消されていなければウィンドウの拡大率が拡大縮小管理部18により小さくされる（ST11）。

【0053】さらに、拡大率の変更されたウィンドウ同士が重なっているか否かが調べられる（ST12）。重なりが解消されていれば、データが画面表示出力部15に引き渡されて表示され、重なりが解消されていなければステップST9に戻る。

【0054】このようにして、最終的には、重なり合いのない拡大されたウィンドウ画面30，31が、図8（b）に示すように、前面に表示されることとなる。なお、図2～図3のステップST9～ステップST12に至るウィンドウの重なり合いを解消する動作は、図1中のベクター変換部16、ベクターデータ保管部14、拡

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大縮小管理部１８、間隔管理部１９における諸動作が繰り返し実行されることで実現される。

【００５５】上述したように、本発明の実施の形態に係るウィンドウシステム及び計算機システムは、ウィンドウの表示データをベクターデータに変換して表示し、ウィンドウの大きさの変化に合わせてベクターデータの大きさを変えて表示内容を拡大縮小するようにしたので、必要な時に必要なウィンドウの表示内容を維持したままで、ウィンドウの拡大や縮小を行うことができる。

【００５６】したがって、例えば必要で無い時には表示する情報量を維持したままウィンドウの大きさを縮小でき、画面上の空きスペースを増やすことができるため、作業をしやすくすることができる。

【００５７】また、本実施形態の計算機システムは、画面を区画に分割し、各区画に対するボタンで画面上を区画単位で位置指定してウィンドウを前面に拡大移動させるようにしたので、ボタンを１回押すだけで操作したいウィンドウを画面の前面に拡大表示することができる。

【００５８】さらに、ボタンを押したところに複数のウィンドウが合っても、移動させるウィンドウ同士が重なり合わないように、ウィンドウの表示位置及び拡大率を自動的に調整するので、１つ以上のウィンドウを同時に画面の前面に移動させ拡大表示することができる。

【００５９】なお、位置指定装置４としては、本実施形態で説明したキー入力装置、タブレットの他、例えばタッチパネル等を用いてもよい。

（発明の第２の実施の形態）本実施形態においては、指定された区画に複数のウィンドウがある時のウィンドウ拡大表示及び配置において、ウィンドウの表示位置を決める要素として、ある地点（定点）からウィンドウを見た時の角度差を使用した方法について説明する。

【００６０】本実施の形態のウィンドウシステムは、このウィンドウの表示位置決定方法に対応する以外の部分は第１の実施形態の場合と同様に構成されている。図９は本発明の第２の実施の形態に係るウィンドウシステムにおける複数同時拡大表示の方法を説明する図である。

【００６１】同図（ａ）に示すように、ボタンを押すことにより指定した画面上の区画２５ｉに、複数のウィンドウが存在した場合においては、該当する全てのウィンドウを画面の前面に移動させ、各ウィンドウを同時に拡大する。

【００６２】複数のウィンドウを同時に拡大する場合において、画面表示管理部１３は表示の拡大により、ウィンドウ同士が重なり合わないように、ウィンドウの大きさの変化の割合と、ある定点から測定したウィンドウ間の角度差３２を管理する。つまり、重なり合いが発生した場合は角度差３２を大きくし、重なり合いを回避する。

【００６３】具体的には、図２の流れ図のステップＳＴ９において、ウィンドウ間の距離に代えて角度差３２の

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大小を調整することになる。図１の構成においては、間隔管理部１９は角度差３２の調整により間隔管理を行う。

【００６４】さらに、表示を拡大する前に既に、ウィンドウ同士が重なり合っている場合においては、拡大することにより重なり合いを解消できるように、画面表示管理部１３で、ウィンドウの大きさの変化よりも大きな割合で、ある定点から測定したウィンドウ間の角度差３２を大きくすることにより、表示する位置と大きさを管理し、重なり合いを解消し表示の拡大を行う。

【００６５】上述したように、本発明の実施の形態に係るウィンドウシステム及び計算機システムは、上記実施形態と同様の効果が得られる他、定点を基準としたウィンドウ間の角度をウィンドウの表示位置決定の要素として使用することにより、ウィンドウを大きくした時に、画面上の空きスペースを有効に使用することができ、さらに微妙な表示位置指定が可能になる。

（発明の第３の実施の形態）図１０は本発明の第３の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図であり、図１と同一部分には同一符号を付してその説明を省略する。

【００６６】第１又は第２の実施の形態においては画面上の位置つまり区画を指定するのに、入力装置３と別途に設けた位置指定装置４を用いるようにしている。本実施形態では、位置指定装置４を省略し、マウス等の入力装置３により位置指定装置４と同等な入力をさせるようにしている。

【００６７】例えばマウスによる入力において、クリックの仕方を変更することにより、外部表示装置５の画面上の区画を指定するようにする。また、例えばマウスのボタンのうち１つを区画指定用のボタンとしてもよい。

【００６８】上述したように、本発明の実施の形態に係るウィンドウシステム及び計算機システムは、上記実施形態と同様の効果が得られる他、位置指定装置４を省略した簡便なシステムとすることができる。

【００６９】なお、本発明は、上記各実施の形態に限定されるものでなく、その要旨を逸脱しない範囲で種々に変形することが可能である。また、実施形態に記載した手法は、コンピュータに実行させることができるプログラムとして、磁気ディスク（フロッピーディスク、ハードディスク等）、光ディスク（ＣＤ−ＲＯＭ、ＤＶＤ等）、半導体メモリ等の記憶媒体に格納して頒布することもできる。

【００７０】なお、その頒布形態としては、実施形態に記載した手法をオペレーティングシステムに組み込んでパッケージソフトとして供給する場合、オペレーティングシステムに組み込み可能なドライバとしてメーカ，個人ユーザに提供する場合などが考えられる。

【００７１】

【発明の効果】以上詳記したように本発明によれば、表

示内容をベクトルデータで管理するようにしたので、ウィンドウの大きさを変更しても、変更前に表示されていた内容を維持させることが可能なウィンドウシステム及びウィンドウ表示方法を提供することができる。

【００７２】また、本発明によれば、画面を区画分割して、ボタンで画面上の位置を区画単位で指定するようにしたので、簡易な操作で、画面の後ろに隠れているウィンドウを画面の前面に表示させることが可能な計算機システム及びウィンドウ表示方法を提供することにある。

【００７３】さらに、本発明によれば、複数ウィンドウの位置・拡大率調整をするようにしたので、いくつかのウィンドウを前面に拡大表示させた際、拡大されたウィンドウ同士が重ならないように表示させることが可能な計算機システムを提供することにある。

【図面の簡単な説明】

【図１】本発明の第１の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図。

【図２】同実施の形態のウィンドウシステムの動作を示す流れ図。

【図３】同実施の形態のウィンドウシステムの動作を示す流れ図。

【図４】同実施の形態のウィンドウシステムの動作を示す説明図。

【図５】同実施の形態におけるウィンドウの大きさ変更

の様子を示す図。

【図６】同実施の形態における表示画面と位置指定装置４のボタンとの対応関係を示す図。

【図７】同実施の形態においてあるボタンが押されたときのウィンドウ画面の表示状態の変化を示す図。

【図８】同実施の形態において、指定された区画上に複数のウィンドウ画面が存在するときの拡大表示の様子を示す図。

【図９】本発明の第２の実施の形態に係るウィンドウシステムにおける複数同時拡大表示の方法を説明する図。

【図１０】本発明の第３の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図。

【符号の説明】

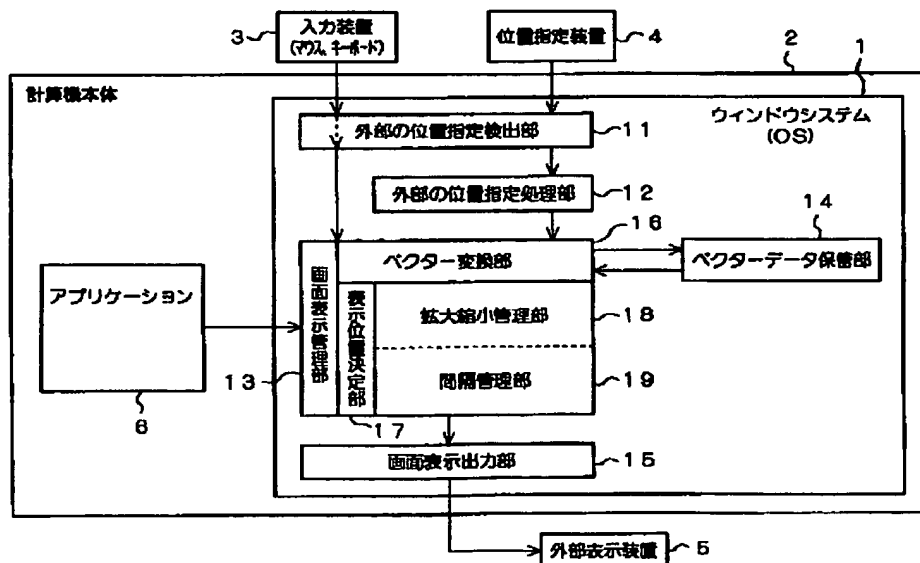１…ウィンドウシステム

２…計算機本体

３…入力装置

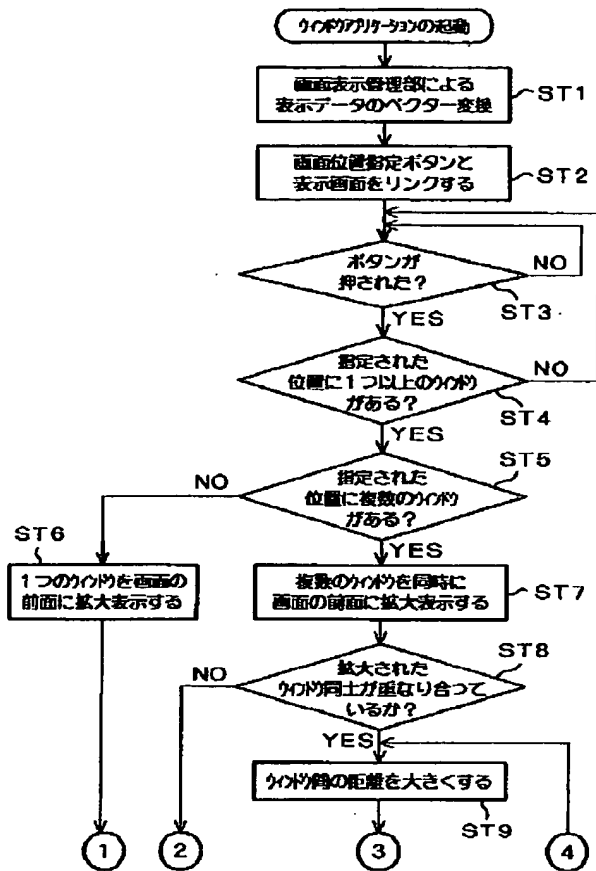４…位置指定装置

５…外部表示装置

１１…外部の位置指定検出部
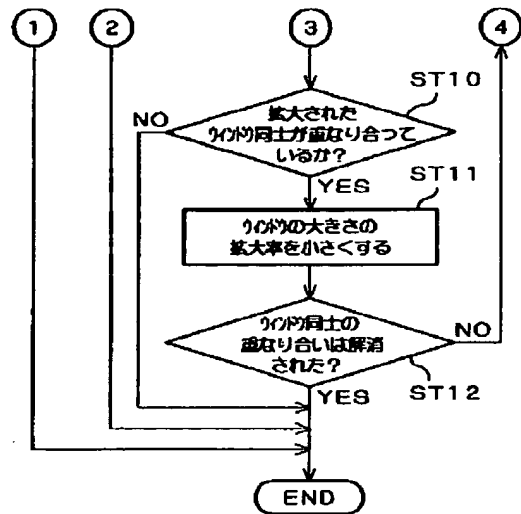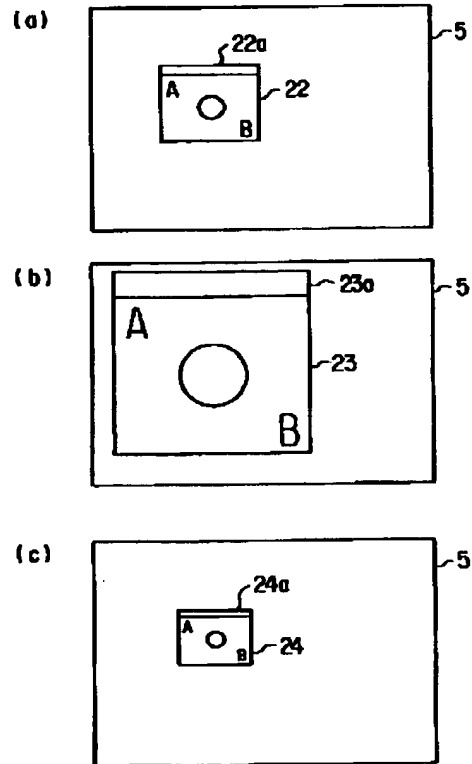
１２…外部の位置指定処理部

１３…画面表示管理部

１４…ベクターデータ保管部

１５…画面表示出力部

【図１】

【図２】

【図３】

【図５】

【図４】

【図6】

【図7】

(a)

(b)

【図8】

(a)

(b)

【図9】

(a)

(b)
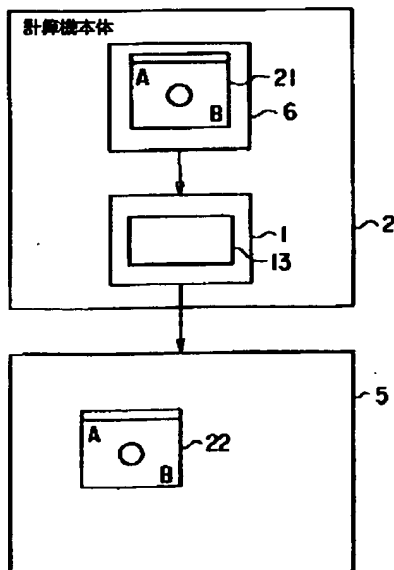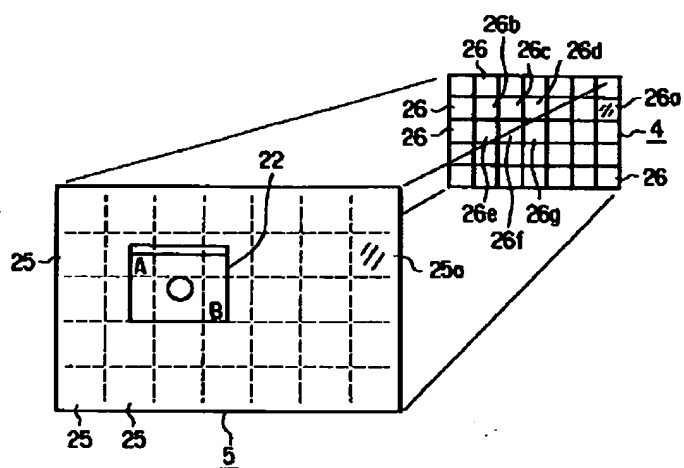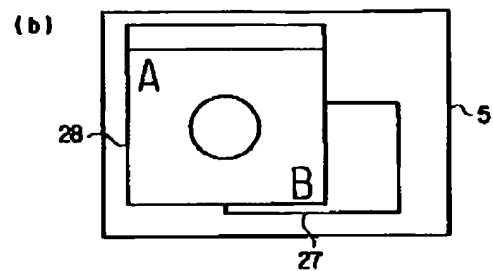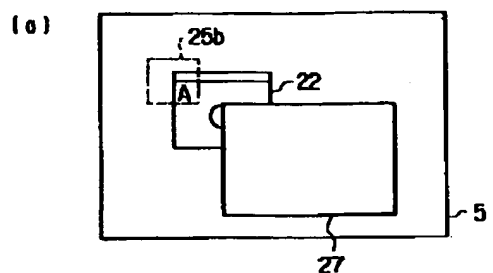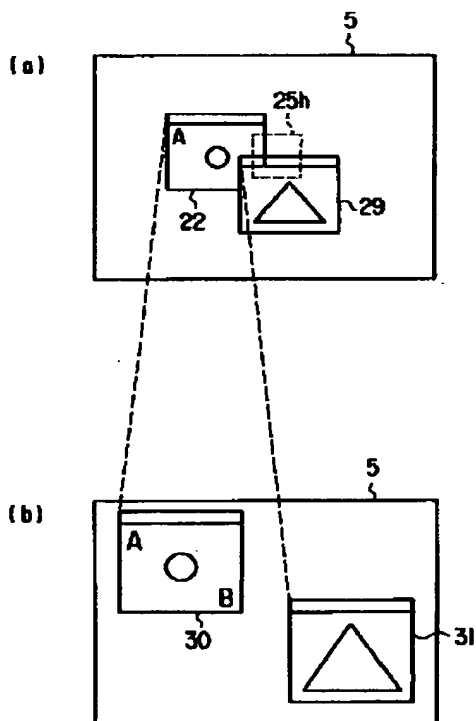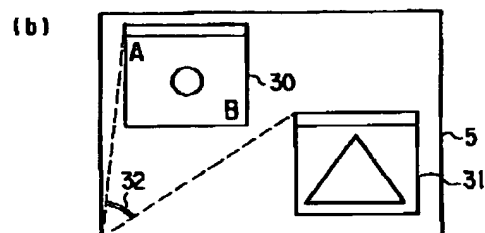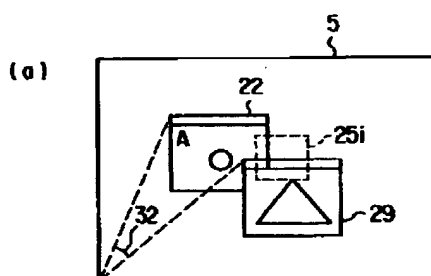
【図１０】
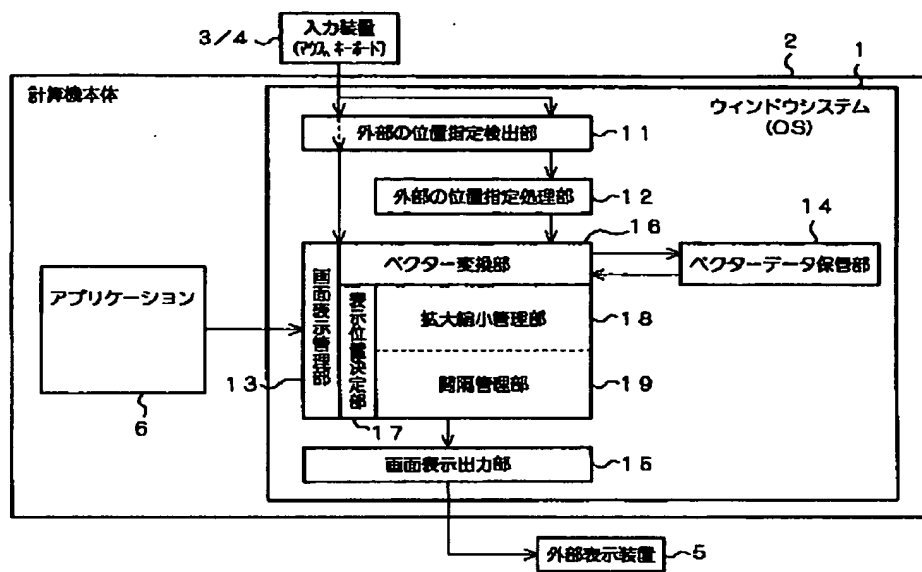
File : TDB

SS Results
1   41723   RESIZ+ OR SIZ+ OR MAXIMI+ OR BIG+ OR LARGE+ OR ENLARG+ OR LENGT
              H+ OR STRETCH+ OR WIDTH? OR WIDE+ OR EXPAN+ OR INCREAS+ OR OVER
              SIZ+ OR PROPORTION+
2   17135   HEIGHT+ OR EXTEN+ OR DIMENSION+
3   53   WIDGET+
4   942   (DIALOG+ OR DATA OR TEXT+ OR INFORMATION OR MENU? OR ICON? OR S
              ELECTION+ OR OPTION?) 3D (BOX+ OR WINDOW?)
5   35619   COMPRESS+ OR LIMIT+ OR SHRINK+ OR REDUC+ OR DECREAS+ OR CONDENS
              + OR CONTRACT+ OR DIMINISH+ OR MINIM+
6   984   3 OR 4
7   936   (BOX+ OR WINDOW?) 3D (1 OR 2 OR 5)
8   145   6 S 7
9   227   BOX+ 3D (1 OR 2 OR 5)
10   28   8 AND 9
11   38   6 AND 9

Search statement 12

?   ..fo ss 11
1/38 - (C) IBM CORP 1993
AN   - NNRD410102
TXT -
1.3
        ... window (see Fig. 1). In the chart, the string in each box is a
        routine name. A large arrow between two boxes indicates a
        caller-callee relationship between routines. A small arrow with a...
1.4
        If the large (caller-callee) arrow is selected, a "data
        couple" window is displayed (see Fig. 2). The window contains
        two...

More: M / Repeat max: R / Keep: K / None: N

? m
2/38 - (C) IBM CORP 1993
AN   - NN9801513
TI   - Dialog and Message Box Enlargement
TXT - Disclosed is a new implementation for the operation,
        double-clicking title bar of dialog or message box, in the
        current...
1.1
        ...bility improvement. The new implementation is that
        double-clicking the title bar enlarges the dialog or message
        box
        along with the all contents of the dialog or message box
        in order to
        fit it to the maximum screen size or user-defined size. This enables
        the users to continue the normal operation with the enlarged
        dialog
        or message box. Double-clicking the title bar of the
        enlarged dialog
        or message box changes the size to the original.
            Recently, as computer screen resolution is becoming large, t...
1.2
        ...
        dialog or message box. This new implementation enhances

the   ...

? m
3/38 - (C) IBM CORP 1993
AN   - NN9706103
TXT -
1.2
        ...them, without exception. All different regions are visited
        including all icons, borders minimization boxes,
        scroll bars arrow...
1.2
        ...) to signify "click". The pointer can thus
        visit even minute areas, such as borders of a window, small
        icons,
        small selection boxes, etc., with no substantial effort of
        hand-ey...
1.4
        ...ions on a given screen are managed by the system and not by the
        application (icons, menus, window borders and sizes, etc.)
        and the...

? m
4/38 - (C) IBM CORP 1993
AN   - NN9507421
TXT -
1.2
        ... Figure is an example of an object in which the entire
        dialog box appears to be raised, with additional raised
        and depres...
1.2
        ...ion. The user must query the rectangular coordinates of
        the object, which may be an entire dialog box, or simply
        an
        entryfield or pushbutton within the dialog box. The
        following cod...
1.3
        ...QueryWindowRect (hwnd,&Rectl);
            The user then fills the dialog box. While the
        WinFillRect   ...
1.4
        ... and GpiBox functions. The border is first painted
        to give the object an enhanced three-dimensional effect. The
        box
        area is then drawn by GpiBox with the width and height specified b...
1.5
        ...e DB_DEPRESSED 0x800 // flag value to depress the border
          // Draw a border around the dialog box = raised
          WinDrawBorder (hps,   // presentation space handle   ...

? m
5/38 - (C) IBM CORP 1993
AN   - NN9505417
TXT -
2.2

... a "C"-shape would create a box. Such a box could serve to
define a block of text, and the size of the box could be
controlle...

2.3

...lication off screen onto a temporary scratchpad. Alternately,
entire screens of data or windows could be piled on one
another or...

? m
6/38 - (C) IBM CORP 1993
AN - NN9502559
TXT -
1.1

...sentation Manager* (PM) applications often use
radiobutton and checkbox controls in dialog windows. As
provided ...

1.4

...culations for repainting and displaying of the cursor
box.
    o The wrapped text must be painted by the application.
        The WM_PAINT message is received when the text needs to be ...

1.7

...redisplay it when complete.
    o The dotted cursor box around the text when the
control has th...

1.7

...urs. Because PM supports only a single line of text, and
        because the cursor box extends around all of the
text, the ...

1.8

... the same appearance as the one provided by PM for these
        controls. The cursor box dimensions should be those
calcula...

? m
7/38 - (C) IBM CORP 1993
AN - NA9406485
TXT -
4.1

...grammer calls MCLBPPP and passes it a table which
contains the window dimensions, placement, width of each list
box and
the data that is to be placed in the list boxes. This
information is
passed by the caller in a Window Resource Table (WRT) whose format...

5.1

...t°
°   name   °location° size °box entry°box entry° .   .
. °...

5.1

... WRT is composed of one or more List Box Entry (LBE) fields,
which define a list box and the text data included within.
    ...

6.1

...presentation parameters defined in the PM resource file described
in the above text. The 'list box size' value is a

percentage of the
screen width that the list box will utilize. The 'list
box size'
values must add up to 100%. Each 'list text' is terminated wit...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
8/38 - (C) IBM CORP 1993
AN   - NA9406317
TXT -
5.1
        ...ls the ICBPWP procedure and passes it a structure which contains
        the box dimensions, placement, and contents of the list
        items in the
        box. This information is passed by the caller in a Box
        Resou...
6.1
            ... BRT is composed of one or more Box Table Entry (BTE), each
        describing a combination box and the text data to be
        included with...
7.1
        ...presentation parameters defined in the PM resource file described
        in the above text. The 'box size' and 'box
        position' fields indic...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
9/38 - (C) IBM CORP 1993
AN   - NB9406535
TXT -
4.2
        ...a and image data)
        Recognition data consists of character box.
         Wrec = (Wr + Gr) * N - Gr
         (note : Wr = Character box width,
         Gr = Character box gap, N = Character cou...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
10/38 - (C) IBM CORP 1993
AN   - NA9404635
TI   - Sizeable Scroll Bar Box for Text Display
TXT -
2.1
        -         When editing documents of more than a few pages, changing the
        amount of text displayed has resizing windows or changes
        in fo...
3.1
        ...hnique is provided that will facilitate display of varying
        amounts of text in a document by sizing the scroll bar box
        (refer...
3.1
        ...ward and illustrated in Figs. 1 and 2. The user merely
        resizes
        the scroll box using the "handles" at either end of the
        box. The
        amount of text displayed in the edit window changes dynamically

with
scroll box resizing.   This is accomplished through font
size changes.
As the user increases the size of the scroll box, the font
size
decreases, thus displaying more text in the edit window.
Conversely,
as the user decreases the size of the scroll box, the font
size
increases, thus displaying less text in the edit window.

? m
11/38 - (C) IBM CORP 1993
AN   - NN9308595
TXT -
2.1

...ge of a mouse to marquee select a group of items.   The mouse is
used to position and size a rectangular box around items
be selected.
The act of expanding/shrinking the box with a mouse is
referred to...

3.1

...ected.   The container control provides the end user with immediate
selection emphasis feedback on the items which are selected, while
the user expands or shrinks the rubberband box.

4.1

...nly be performed on items in view.   When
the user starts a marquee selection and changes the size of the
rubberband box, the algorithm searches only the items in view and
displays selection emphasis on those items contained within the box.

5.1

-        An "undo" capability is provided.   When the rubberband
box is
reduced so that some items are no longer contained within the
box,
selection emphasis is removed from the items which were selected
...

? m
12/38 - (C) IBM CORP 1993
AN   - NN9308307
TXT -
3.1

... user must respond to before resuming work.   These techniques
could also be extended to simple dialog boxes where
there...

? m
13/38 - (C) IBM CORP 1993
AN   - NN9308217
TXT -
2.1

...e., mouse movement and/or keyboard interaction), enriches the File
Open dialog box, and allows the user to quickly relocate

3.1
- In a window based graphical user interface for an operating
system, the File Open dialog box is one of the most common
dialog
boxes a user will encounter. In order to supply a file
specification, the user must select a drive, directory, and file n...

5.1
- The preferred embodiment is a dialog box control
that allows
direct mouse manipulation of the file list box, from the curr...

6.1
...cursor on the automatic top pushbutton control
(graphically depicted as a T), the File Open dialog box
code recei...

7.1
...omatic bottom pushbutton control (graphically depicted as a B),
the File Open dialog box code receives a message
indicating that ...

8.1
...is accomplished by placing the automatic
top/bottom pushbutton control code within the same dialog
box
keystroke response code as the rest of the code supporting the File
Open dialog box, thereby expanding the function of
the dialog box.
Thus, an extra application need not be started. The code will
implement the scroll bar max up/down, ensuring that no application
window information is corrupted.

9.1
- While the example used throughout this disclosure has been the
File Open dialog box, those skilled in the art will
recognize that
this enhancement is applicable to a list box in any kind of
dialog
box, or any information control which has a scroll bar.

? m
14/38 - (C) IBM CORP 1993
AN - NB930691
TXT -
3.1
- The SAFE Deposit Box Icon, when selected and
expanded, similar
to a Safe in real world, displays a combination dial for unlock...

4.1
...h as update, browse, or delete operations. The SAFE Deposit
Box
may be minimized and kept open on the desktop. While the SAFE
is...

? m
15/38 - (C) IBM CORP 1993
AN - NN9303155
TI - File Open Dialog Box Enhancement: Parent Directory
Pushbutton

Control
TXT -

2.1
...se movement and scroll bar manipulation), enriches the File Open
dialog box, and allows the user to quickly change
directories (back
to the parent directory), using a simple dialog box
control.

3.1
-            In a window based graphical user interface for an operating
system, the File Open dialog box is one of the most common
dialog
boxes a user will encounter. In order to supply a file
specification, the user must select a drive, directory, and file n...

5.1
-            The preferred embodiment is a dialog box control
that allows
direct manipulation of the directory list box, from the curr...

6.1
...or on the parent directory pushbutton control
(above the right corner of the Directories list box), the File
Open
dialog box code intercepts the signal, performs the change of
directory, and refills the list in the directory list box with ...

7.1
...hbutton control code alongside the rest of the code supporting the
File Open dialog box, thereby expanding the
functionality of the
dialog box. Thus, an extra application need not be
started. The
code will implement the change from the current working directory to
the parent directory, ensuring that no application window
information
is corrupted.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
16/38 - (C) IBM CORP 1993
AN - NN9212285
TXT - -   A program is disclosed that is a method of showing the
       selected font size and the emulator host session window size on the
       screen without exiting the Font Size dialog box.
3.1
-            This invention makes the Font Size dialog
box easy to use. The
user will see the font size change in the emulator window while he or
she is selecting the font size from the Font Size dialog
box.

5.1
-            When the user invokes the Font Size dialog
box from his
emulator window, initially the emulator will highlight the font size
currently in use on the Font Size dialog box.

6.1
...ect the font size, the OS/2* PM (Presentation Manager*) message
LN_SELECT is sent to the Font Size dialog box
procedure. On
receiving the message the Font Size dialog box
procedure w...

7.1
- After LT receives the message from the Font Size
dialog box LT
will get the new font size and use it to adjust the host sess...
8.1
- To select the right font size, the user only needs to bring up
the Font Size dialog box once and use the mouse or
the arrow key on
the keyboard to highlight the font side on the Font Size
dialog box
and the user will see the actual font size and the window size cha...
8.1
...dow size is shown, the user can click the SAVE button on the
dialog box or just press the ENTER key. The font size
will then be
saved. If the CANCEL button is clicked on the dialog box
then the
font size is changed back to the original one.
9.1
- The SAVE, CANCEL or ENTER key will exit the Font Size
dialog
box.
* Trademark of IBM Corp.

? m
17/38 - (C) IBM CORP 1993
AN - NN921293
TI - Extended List Boxes for Data Resolution.
TXT -
1.1
...ailed components. The prior art is a lacking single
control that allows a user to make a selection in a list
box and then
have access to yet more information associated with the selection.
In the new control described, list box selections followed
by an
arrow indicate that marking that item will result in an Extended
List
Box. The implementation described can be used with any PM List
B...
2.1
...ling may know all of the possible locations for a class. By the
use of an Extended List Box, they need not have any
knowledge of ...
3.1
... user interface that this control creates is depicted in
Figs. 1-3. Fig. 1 shows the Extended List Box in its
initial pha...
3.1
...wn on the right side of the text. When the user double clicks on
an item with an arrow, the list box will extend (Fig. 2).
When a
list box extends, it will overlap the first list box
slightly. T...
5.1
...erring to Fig. 4, the main program (the program that uses
the Extended List Box control) calls the control program
(ELB

program), indicating what to insert into the list box, and on which
selections can be extended. Once a user double clicks on an
extendable choice, the ELB program sends a message back to the m...

? m
18/38 - (C) IBM CORP 1993
AN - NN920845
TXT -
3.1

   ...grammer to review or define application data elements. These
   objects could be represented as boxes for example. Big
   boxes co...
3.1

   ...representing complex or formatted data elements. The developer,
   through body movement could create and redefine his box
   structure to
   represent data for his program.
6.1

   -        In further enhancing the data definition, the
   boxes could be
   stored or maintained in the back of a car or vehicle (as described...

? m
19/38 - (C) IBM CORP 1993
AN - NN920535
TXT -
6.2

   ...the window, create the window border, and now erase all or parts
   of pushbuttons under the window), and text to be written
   inside ...
9.1

   ...hbutton will be nulled by the "write repeated" command, the
   display will automatically shorten the width of the pushbutton
   box so
   that the box terminates at the left border of the window.
10.1

   ... The host will send a Restore display data stream command (with
   the Save data) to remove the window. The WSC sends a
   "clear" comm...

? m
20/38 - (C) IBM CORP 1993
AN - NN920468
TXT -
2.1

   ...es available for applications to make use of within PM. They are
   the standard window and the dialog box. These window
   types disp...
6.1

   -        For example, an application currently has a dialog
   box
   displayed with entry fields requesting various information. The u...
7.1

...textual animated-open window to display the required message. The
message box opens itself by expanding from a point within
...

8.1
-          This invention allows applications to display dialog
boxes in a
contextual fashion. The dialog box has a direct
association wit...

? m
21/38 - (C) IBM CORP 1993
AN - NA9109390
TI - Smalltalk/V PM Unique Method for Creating Dialog Boxes.
TXT - -   There has been no method for easily creating dialog
boxes
within Smalltalk/V* PM that allows the option for working with ...
1.1
...st common method, dialogs were created using the OS/2**
Dialog Box
Editor and then interaction with Smalltalk/V PM was handled...
1.2
The second common method is to create the
dialog box within the Smalltalk language, but this is
cumbersome ...
1.2
...xes and in specific ratios or points on the screen, and does not
include a graphical interface for creating dialog boxes
like the
Dialog Box Editor does.
2.1
-          Using Smalltalk/V PM, the process of creating dialog
boxes and
managing their controls has been implemented in a unique manner.
Taking advantage of the graphical user interface from within the OS/2
Dialog Box Editor, we have found a way to instantiate
(create an
instance of) the dialog box fields by associating
instances with ...
2.1
...hod allows for more efficient coding within Smalltalk/V PM and
still gives the developer the ability to graphically create the
dialog boxes, saving additional time.
3.1
-          The first step is to create the dialog box using
the graphical
OS/2 Dialog Box Editor. The second step is to associate
instances
with the dialog box controls. In the example of the
"Move" dialog
box, the name entry field must be instantiated. (See the
figur...
4.1
...ryField is a class provided in the Smalltalk/V PM product.
Now that the field from the dialog box has been
instantiated, ...
5.1
-          The third step is to create a method in Smalltalk/V PM that
opens the dialog box. Once the field has been

5.1
instantiated, nor...

...trol id. The code would look like this if the item id assigned by
the OS/2 Dialog Box Editor was 6016 for the name field:
s...
12.1
-        It is the methods (or programming code) that create this unique
way to handle dialog box controls, which are so valuable.
The
methods allow any developer who understands Smalltalk/V PM the
ability to manage and control dialog box processing at a
more ra...
13.1
-        This unique method makes it relatively easy to create
dialog
boxes and to take full advantage of the OS/2 Dialog
Box Editor as
well as the Smalltalk/V PM controls. Developers do not have to write
code to retrieve and manage messaging to the fields on the fields on th
dialogbox. Developers do not have to spend time calculating the
axis and
positioning of fields on a dialog box, which is usually by
trial and
error and is extremely time consuming. No such method for
implementing dialog box processing existed until now.
Time and
complexity involved in processing dialog boxes is
reduced.
*   Trademark of Digitalk I...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
22/38 - (C) IBM CORP 1993
AN - NN9106342
TXT -
4.1
...ssor can relieve the main display processor of all A/N
tasks, such as character generation, window/viewport movement,
resizing, data scrolling, etc. Thus, the main processor can be
largely dedicated to the support of graphics/image operations wh...
9.1
-              Up to 14 proportionally spaced character fonts,
            concurrently, of 16 x 32 box size.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
23/38 - (C) IBM CORP 1993
AN - NN9105486
TXT -
2.1
-        In the drawing, Fig. 1 is an exploded isometric view which
illustrates a DASD expansion box DASD frame housing as
viewed from
above, to the front, and to the right. It shows how the 3.5" DASD
adapter tray expands the expansion box option
versatility.
4.1
-        Figs. 3a, 3b and 3c are detailed views of the expansion

box
DASD frame housing and the 3.5" DASD assembly installed. Fig. 3c
shows the adapter tray's grounding contact to the expansion
box DASD
frame housing looking from the top.
5.1
-          In reference to Fig. 1, the expansion box DASD
frame housing
primarily consists of the DASD frame structure 1, and either of ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
24/38 - (C) IBM CORP 1993
AN   - NN9104274
TXT -
2.1
-          The user can focus on an individual activity by displaying a
detailed activity window and manipulating the data. The
figure sh...
3.1
-          The activity box's three-dimensional
representation of an
activity gives the user more information than has been possible in
the past be- cause the user can see areas and volumes of activities.
The length of the activity box is a visual indicator of
the activity
duration in months (M). The height of the activity box is
a visual
indicator of the resource allocation in persons (P). Therefore, the
area of the front. surface of the box (height X length) is
a vis...
6.1
... corresponding to the resource and duration. As the shape and
size of the activity box is changed with the mouse, the
correspond...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
25/38 - (C) IBM CORP 1993
AN   - NA8910472
TXT -
4.1
...** SEE ORIGINAL DOCUMENT ***** state based on all of the possible
address and data size values. The boxes depict
memory locatio...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
26/38 - (C) IBM CORP 1993
AN   - NA891037
TXT -
2.1
...truction, data source, and data sink address spaces. The fourth
register holds mapping box status and control information.
...
3.1
-          The terminal processor presents the mapping box with

        data and
        addressess. Addresses below certain value reference local memory ...

        ...nted to by register r. Physical realization would most likely be
        as a single, extended address. The mapping box passes the
        p...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
AN   - NN8905361
TXT -
1.1

        ...umes that the hardware options, such as cards, adapters, devices,
        and expansion boxes have been detected, and that the
        Curr...
1.2

        ...up Procedures are associated with external enclosures, such as
        expansion boxes and portable disk enclosures, because they
        are...
1.2

        ... the option to be detected. For example, the Customer Setup
        Procedure for the Expansion Box in the figure reminds the
        user that
        the power in the Expansion Box must be turned on in order
        for the
        Expansion Box and any of the options in the
        expansion box to be
        detected. It also does some basic problem determination concerning
        the power supply and cables. The Customer Setup Procedure for the
        Expansion Box is executed, if the Expansion
        Box is not detected, and
        the operator indicates that he did not remove the Expansion
        Box. The
        configuration is layered so that it can be processed from ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
AN   - NN8809182
TXT -
1.2

        ...tiguous region. The subroutine creates an artificial image
        consisting of a box with these dimensions. The artificial
        image...
1.3

        ...tion information acquisition trials, the application engineer
        has the option of accepting information for the boxed
        object cho...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
AN   - NN880953
TXT -
1.2

        ...for each contiguous region in the image. The subroutine then

creates an image consisting of a box with these
       dimensions. This
       created image is displayed over the first image to show the u...
1.3
       ...ormation about this desired object to create a statistical
       window
       around the mean information. Each time the "accept" key is
       depressed, the user is sequentially prompted to move the object...

? m
30/38 - (C) IBM CORP 1993
AN - NN87055631
TXT -
1.1
       ...of the parallel bus is connected to the Y box, and
       several control units are connected to the box extension.
       See ...
1.4
       ...icated. Switching the connections of Select Out and Select In
       lines at the X box via the Priority Selection relay and
       logic wo...

? m
31/38 - (C) IBM CORP 1993
AN - NN85091385
TXT -
1.6
       ...to add two offsets to the fixed part: the translation part of the
       transform relating the two coordinate systems scaled by the size
       of
       the character box in the superordinate system; the variable part
       scaled by the size of the character box in the subordinate
       sys...
1.7
       ...that the fixed part is offset by the variable part scaled by the
       size of the character box in the subordinate text
       coordinate syst...

? m
32/38 - (C) IBM CORP 1993
AN - NN8507861
TXT -
1.2
       ...ct/object set data, the operator selects the
       VIEW command. The editor displays a transparent box the same
       size as
       the size of the display space. The operator moves the box over
       the
       data in the workspace until the box is transparently overlaying
       ...

? m

AN   - NN8506426
TXT -
1.1

     ...rwritten by the dynamic segment
     as bit strings in the shadow buffer. Secondly, in a bounding box
     method the extent of dynamic segments together with associated
     non-dynamic data are stored in the shadow buffer. Conventio...
1.4

     ...ns that all pels within the bounding box are saved. When the
     dynamic segment is removed, the data within the bounding
     box in the
     shadow buffer is transferred back to the image planes. Thus, ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
34/38 - (C) IBM CORP 1993
AN   - NA84091988
TXT -
1.1

     ...tures, and so forth, to be placed on the page relative to the
     box
     placement point. Selection of a placement point automatically
     biases
     the physical placement of the text, and so forth, within the box.
     The border width of the box determines the displacement of the
     t...
1.2

     ...itation thereto is required) allows centering text with respect to
     any line of the box. If the text is to be centered within
     the b...
1.3

     ... at different relative positions in successive visual
     presentations of the same information. Preferably, the
     box is
     located on the page, independent of any other text or graphics to be
     visually presented along with the relatively positionable text.
     Of
     course, the box and the text can have any relative size.
     Further, the
     text can be of greater extent than the box, such that the
     relat...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
35/38 - (C) IBM CORP 1993
AN   - NN81112817
TI   - Electronic Gate Extension Box. November 1981.
TXT - 1p. An extension box permits the use of longer cards on an
     electronic gate that can usually handle certain size cards of
     electronic circuits. The longer cards can be used to increase ...
2.1

     ...the front side 3 with the back side 4 being fastened to
     the original electronic gate of the data processing system. The
     box
     1 is opened at its bottom side 5 for the air to pass over ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
36/38 - (C) IBM CORP 1993
AN - NB80123174
TXT -
3.1
-        The clip level buffer is used to segment the character boxes.
The character box location and size information
generated...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
37/38 - (C) IBM CORP 1993
AN - NA78044489
TXT -
3.1
...e points which are made up of X, Y and Z coordinates that provide
dimensional locations within the box. This
information will be put
into the computer. Also, the component will be predescribed ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
38/38 - (C) IBM CORP 1993
AN - NN75101589
TXT -
7.1
... xc + L/2 and the ordinates yc - L/2 and yc + L/2, where
L is the length of side of box B. These coordinates are
...
12.1
... 3 illustrates how the "grey" area between the
circumscribing and inscribing circles may be decreased by
considering
the box to be constituted by a number of overlapping elemental
box...
13.1
-        Keyboard or menu boxes which are oblong rather
than square can
be regarded as built up from.a series of overlapping elemental box...
14.1
-        Fig. 6 illustrates how ambiguities may be avoided where the
menu boxes are contiguous. Menu 10 contains six
contiguous boxes...
15.1
-        Therefore, to remove these potential errors and ambiguities
when the menu boxes are contiguous, at registration time
...
15.1
...ding) are determined by control unit 2, these boundaries defining
boxes of reduced size but within which no pointing can be
in error...

? ..li max ss 11 2,3,5,10,11,17,24
2/38 - (C) IBM CORP 1993
AN - NN9801513
TI - Dialog and Message Box Enlargement
PUB - IBM Technical Disclosure Bulletin, January 1998, US
VOL - 41
NR - 1
PG - 513 - 514
PD - 1998-01-01
TXT - Disclosed is a new implementation for the operation,
      double-clicking title bar of dialog or message box, in the
      current
      GUI (Graphical User Interface) flavored operating system for
      usability improvement. The new implementation is that
      double-clicking the title bar enlarges the dialog or message
      box
      along with the all contents of the dialog or message box
      in order to
      fit it to the maximum screen size or user-defined size. This enables
      the users to continue the normal operation with the enlarged
      dialog
      or message box. Double-clicking the title bar of the
      enlarged dialog
      or message box changes the size to the original.
              Recently, as computer screen resolution is becoming large, the
      actual size of images displayed on the screen is becoming small,
      which decreases the visibility and usability. Currently, available
      operating systems have no effect on double-clicking the title bar of
      a
      dialog or message box. This new implementation enhances
      the
      visibility,
      even in the screen high-resolution environment. This can be
      implemented
      by either an application software or an operating system.

3/38 - (C) IBM CORP 1993
AN - NN9706103
TI - Single-Key Mechanism for Moving a Pointing Device (Mouse)
PUB - IBM Technical Disclosure Bulletin, June 1997, US
VOL - 40
NR - 6
PG - 103 - 104
PD - 1997-06-01
TXT - Disclosed is a method of navigating and pointing on a computer
      screen without using a pointing device (mouse).
      The method uses a combination of the TAB key and the mouse functions
      in the following way:
        o In a window-oriented screen, each window is divided into
           many "regions". Clicking inside any region has a given
           meaning. Except for free-hand drawing, clicking on any
           pixel in a region has the same meaning.
              In this design, an automatically-repeating keyboard key (i.e.,
      Mouse Tab (MTAB)) moves the pointer to the next meaningful region, in
      some order, generally left to right and then top to bottom, without
      regard or limitations due to the meaning of each region. When the
      key is pressed, the pointer jumps from region to region visiting all
      of them, without exception. All different regions are visited

including all icons, borders minimization boxes,
scroll bars arrows,
menu bars, entry fields, etc. When the user releases the MTAB key,
the pointer remains in the last region. The user can then press
another key (e.g., ENTER) to signify "click". The pointer can thus
visit even minute areas, such as borders of a window, small
icons,
small selection boxes, etc., with no substantial effort of
hand-eye
coordination for careful positioning.

Variations of the MTAB key are the LEFT-MTAB, which works in
the inverse direction; the DOWN-MTAB, which scans top-down and then
moves to the next "column" horizontally; the UP-MTAB, which is the
reverse of DOWN-MTAB, etc. All of these keys loop around; they do
not stop at the end of the screen. Their behavior is very similar to
the TAB key in IBM 3270 screens.

The MTAB, LEFT-MTAB, UP-MTAB and DOWN-MTAB keys are either
fixed labeled keys on the keyboard or designated key combinations
(e.g., Arrow keys, ALT-TAB, etc.).

Corrections and adjustment of selection are done in an
identical way to the first attempt at aiming - the user presses the
MTAB key until it visits the desired spot again.

The display software optionally highlights (e.g., reverse
video) the region currently pointed to.

In order to enable traversal of all the different application
fields in a given window, the application defines to the screen
manager
(Presentation Manager*, Motif** or equivalent) what are the distinct
regions which are candidates for pointer "stations". Nevertheless,
many
regions on a given screen are managed by the system and not by the
application (icons, menus, window borders and sizes, etc.)
and the
MTAB key management thus applies in part also to non-participating
applications.

Since the pointer may have to traverse a large number of
regions, a variety of interesting algorithms are applied for varying
the speed of the automatic repetition of the key. Examples are:
accelerate with time, decelerate with time, longer "rests" when
visiting a region that was clicked on before, various other speed
adjustment techniques currently available with arrows.

Drag-and-drop operations are done by adding current technology
to this design. That is, bring the pointer to the desired region
using the MTAB key. Then press a key combination that means
mouse-button-down, use arrows and other keys to move the pointer, and
then press key combination for mouse-button-up.

This technique coexists with usage of a real mouse where most
pointing and clicking is done with the MTAB key, but some drag and
drop is done with the mouse.

   * Trademark of IBM Corp.
  ** Trademark of Open Software Foundation, Inc.

TXT - Disclosed is a system for interacting with on-screen data via a
form of virtual reality in which a user's hand gestures are
represented on screen within an application in a user-defined manner.
    -       In its simplest implementation, two miniature video cameras
mounted in a computer, a keyboard or a nearby location would
continuously monitor the positions of the user's hands. Because only
the outlines of the hands must be recognized -- essentially their
projection on a two-dimensional surface -- the computer vision
demands of this application would be considerably less than that of
recognizing arbitrary three-dimensional objects.
        The recognition algorithm need not distinguish between every
possible hand position. As in voice and handwriting recognition,
variants of a particular gesture could be mapped into a single
gesture. In addition, training would allow the algorithm to adapt to
a user's idiosyncrasies.
        The user would be able to define at the beginning of an
application or during an application the kind of on-screen function
that a particular gesture would represent. A default interpretation
of gestures might be defined in an intuitive way, so that, for
example, moving one's finger up and down (side to side) would create
a vertical (horizontal) rule on the screen, whereas forming one's
hand into a "C"-shape would create a box. Such a box could serve to
define a block of text, and the size of the box could be
controlled
by changing the distance between one's fingers and thumb. In
graphics applications, one could use one's fingers to draw, to define
parts of a figure, to enlarge or compress parts of a figure, etc.
        The particular interpretation in effect at any given time could
be shown by a collection of icons or other mnemonic devices.
        Depending on the amount of computing power available and the
state of the art in computer-vision technology, possible gestures
could also include handwriting. Gestures could be performed
free-form in the space above the keyboard, on a special transparent
pop-up tablet or directly on the face of the monitor.
        As an additional benefit of this virtual reality application,
the area around the computer monitor could be treated as a virtual
screen, allowing a user to move blocks of text or other pieces of an
application off screen onto a temporary scratchpad. Alternately,
entire screens of data or windows could be piled on one
another or
"pasted" somewhere in the virtual workspace.
        While computer vision is the preferred embodiment, unobtrusive
data gloves or ringlike attachments containing light-emitting diodes
or infrared devices could also be used.. The position of the hands
might also be sensed by measuring the distortions in an
electromagnetic
field or by heat radiation from the hands in a way analogous to that
used by various creatures to identify and locate prey. Various other
form of biomimetic imaging technology might also be feasible.

TXT - This document contains drawings, formulas, and/or symbols that
will not appear on line. Request hardcopy from ITIRC for complete

article.
- When editing documents of more than a few pages, changing the
amount of text displayed has resizing windows or changes
in fonts
involved.
- A technique is provided that will facilitate display of varying
amounts of text in a document by sizing the scroll bar box
(referred
to hereafter as the scroll box). The concept is very straight
forward and illustrated in Figs. 1 and 2. The user merely
resizes
the scroll box using the "handles" at either end of the
box. The
amount of text displayed in the edit window changes dynamically
with
scroll box resizing. This is accomplished through font
size changes.
As the user increases the size of the scroll box, the font
size
decreases, thus displaying more text in the edit window.
Conversely,
as the user decreases the size of the scroll box, the font
size
increases, thus displaying less text in the edit window.
- The limits on the amount of text displayed in the edit window
would be a function of the font sizes available to the user on their
system.

11/38 - (C) IBM CORP 1993
AN - NN9308595
TI - Dynamic Marquee Selection Support in the Container Control
PUB - IBM Technical Disclosure Bulletin, August 1993, US
VOL - 36
NR - 8
PG - 595 - 598
PD - 1993-08-01
TXT - This document contains drawings, formulas, and/or symbols that
        will not appear on line. Request hardcopy from ITIRC for complete
        article.
- Most PC applications being developed today have a Graphical
        User Interface (GUI) in which data is presented as objects. The
        objects are generally represented as graphical images that can be
        selected or de-selected by an end user. One selection method is the
        usage of a mouse to marquee select a group of items. The mouse is
        used to position and size a rectangular box around items
        be selected.
The act of expanding/shrinking the box with a mouse is
referred to as
"rubber- banding". The implementation of "rubberbanding" a
rectangular box to select items is marquee selection.
- Developers of GUI applications should give immediate feedback
during a marquee selection indicating exactly which items have been
selected. The container control provides the end user with immediate
selection emphasis feedback on the items which are selected, while
the user expands or shrinks the rubberband box.
- This article documents the idea and algorithm which displays
and removes selection emphasis on all items contained within the
rubberband box. The algorithm maintains the items currently in view
since marquee selection can only be performed on items in view. When
the user starts a marquee selection and changes the size of the

rubberband box, the algorithm searches only the items in view and
displays selection emphasis on those items contained within the box.
-       An "undo" capability is provided. When the rubberband box
is
reduced so that some items are no longer contained within the
box,
selection emphasis is removed from the items which were selected
by
the current marquee selection. The selection state of items which
were selected before the current marquee selection remains as they
were. These features of dynamic selection feedback are not
implemented in existing marquee selection implementations.

17/38 - (C) IBM CORP 1993
AN   - NN921293
TI   - Extended List Boxes for Data Resolution.
PUB - IBM Technical Disclosure Bulletin, December 1992, US
VOL - 35
NR   - 7
PG   - 93 - 94
PD   - 1992-12-01
TXT - -   Often items contained in a list box can be resolved down
to more detailed components. The prior art is a lacking single
control that allows a user to make a selection in a list
box and then
have access to yet more information associated with the selection.
In the new control described, list box selections followed
by an
arrow indicate that marking that item will result in an Extended
List
Box. The implementation described can be used with any PM List
Box.
This new control also follows all CUA* standards.
-       An illustrative example of the invention will further explain
the principles of this new control. A consulting company sells
education classes at different locations within the US. A person may
call the company administrator asking to set up a large meeting at
one of the company sites. The administrator arranging the meeting
will need to efficiently enter into the computer which location and
room is to be reserved. Neither the administrator nor the person
calling may know all of the possible locations for a class. By the
use of an Extended List Box, they need not have any
knowledge of the
possible locations.
-       The user interface that this control creates is depicted in
Figs. 1-3. Fig. 1 shows the Extended List Box in its
initial phase;
it looks like a common list box. The only exceptions are the arrows
shown on the right side of the text. When the user double clicks on
an item with an arrow, the list box will extend (Fig. 2).
When a
list box extends, it will overlap the first list box
slightly. This
is to indicate to the user that the list boxes have some type of
association.
-       In the figures, assume that Alabama has been double clicked on,
followed by a double click on floor 3 (Fig. 3). Each time an item is
doubled clicked on, it will remain in inverse video or otherwise
indicate its selected state.
-       One method of programming this control has been reduced to

practice and is as follows:
        Referring to Fig. 4, the main program (the program that uses
the Extended List Box control) calls the control program
(ELB
program), indicating what to insert into the list box, and on
which
selections can be extended. Once a user double clicks on an
extendable choice, the ELB program sends a message back to the main
program. The main program will then again call the ELB program,
indicating what to insert into this new list box and what items can
be extended upon. The second list box is then positioned slightly
over the first list box.
* Trademark of IBM Corp.

24/38 - (C) IBM CORP 1993
AN - NN9104274
TI - Interactive Graphical User Interface for PERT/CPM Project Tracking.
PUB - IBM Technical Disclosure Bulletin, April 1991, US
VOL - 33
NR - 11
PG - 274 - 275
PD - 1991-04-01
TXT - -   Disclosed is a three-dimensional volumetric
representation of activities for a graphical user interface to a
PERT/CPM program which allows the user to interact with the project
planning and tracking data for both input and output.
     -     The user can focus on an individual activity by displaying a
detailed activity window and manipulating the data. The
figure shows
an example of a detailed activity window which consists of a text
block in the lower portion of the window displaying numerical values
of the parameters and an activity box in the upper portion depicting
the same parameters in a graphical form.
     -     The activity box's three-dimensional representation
of an
activity gives the user more information than has been possible in
the past be- cause the user can see areas and volumes of activities.
The length of the activity box is a visual indicator of
the activity
duration in months (M). The height of the activity box is
a visual
indicator of the resource allocation in persons (P). Therefore, the
area of the front surface of the box (height X length) is
a visual
indicator of the person months (PM) being spent on the activity.
     -     The depth of the activity box represents productivity which
produces a volume (height X length X depth) that is the size of the
activity. For a software development task, the productivity is
measured in lines of code (LOC) produced per person month of effort
(LOC/PM). This results in an activity box volume, measured in lines
of code, that is visually related directly to the amount of work to
be done in the activity.
     -     The four variables of Size, Productivity, Resources, and
Duration can vary. Any one of the four variables can be determined
from the val- ues of the other three. So this invention allows the
user to select any one of the four variables to be the dependent
variable for which it will calculate the value in response to the
user changing the values of the other three variables.
     -     For example, the user might select productivity to be the
dependent variable. In the text block he could type in the latest

value for the size in LOC of the activity. Only the productivity value would change to accommodate the new size value. Then he may try typing in different values for the re-source and duration or he could use the mouse to click on and drag the edges of the activity box corresponding to the resource and duration. As the shape and size of the activity box is changed with the mouse, the corresponding
numeric values of the modified independent variables are displayed in the text block, and the resulting productivity value is calculated and updated in the text block as well.

Search statement 12

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File 344:CHINESE PATENTS ABS APR 1985-2001/Jul
          (c) 2001 EUROPEAN PATENT OFFICE
File 347:JAPIO OCT 1976-2001/Apr(UPDATED 010813)
          (c) 2001 JPO & JAPIO
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200149
          (c) 2001 Derwent Info Ltd


Set      Items    Description
S1        7163    (DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR
                  ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2     5583444    RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR -
                  LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI-
                  ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA-
                  GNITUD? OR PROPORTION?
S3     3730503    COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO-
                  NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4     1584741    COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-
                  PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C-
                  ONSOLE? OR TERMINAL?
S5       11218    (COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HA-
                  ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK-
                  ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA-
                  L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6     7638623    S2 OR S3
S7         672    S6(5N)S1
S8     1584741    S4 OR S5
S9         245    S7 AND S8
S10         30    S7(10N)S8
S11         27    AU="AMRO H Y":AU="AMRO HATIM YOUSEF"
S12         14    AU="DODSON J P" OR AU="DODSON JOHN PAUL"
S13         13    S11 AND S12
```

10/5/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

06682198   **Image available**
TEXT BOX DISPLAY METHOD FOR WEB PAGE, AND RECORDING MEDIUM RECORDED WITH
PROGRAM THEREFOR

PUB. NO.:   2000-268027 [JP 2000268027 A]
PUBLISHED: September 29, 2000 (20000929)
INVENTOR(s):   NAKAOKA MIYA
               YAMADA MIKAKO
               HONDA AKI
APPLICANT(s): HITACHI INFORMATION SYSTEMS LTD
APPL. NO.:   11-072860 [JP 9972860]
FILED: March 18, 1999 (19990318)
INTL CLASS: G06F-017/21; G06F-003/14; G06F-013/00

ABSTRACT
PROBLEM TO BE SOLVED: To display data in a text box on a Web page easily to
see with a simple operation without causing an unwanted space in the text
box and without scrolling the text box.

SOLUTION: Inside a server computer 10, a world wide web(WWW) server 12 is
provided for controlling a program file 12a and a format definition file
12b, a value dividing the number of characters in text data from line shift
to line shift with the number of display characters on one line is
calculated by the program file 12a, a value adding all the values while
carrying up the decimal places is replaced with a value showing the number
of lines in the text box and according to that value, the **text box
size** on the Web page of client **computers** 20, 30 and 40 is changed.

10/5/2   (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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06085832   **Image available**
INCOMING CALL NOTICE SYSTEM

PUB. NO.:   11-027347 [JP 11027347 A]
PUBLISHED: January 29, 1999 (19990129)
INVENTOR(s):   TANAKA KENICHIRO
               TAKAGI TSUNEYOSHI
APPLICANT(s): CANON INC
APPL. NO.:   09-189054 [JP 97189054]
FILED: June 30, 1997 (19970630)
INTL CLASS: H04M-001/00; H04Q-007/14; H04Q-007/38; H04M-003/42;
               H04M-011/00

ABSTRACT
PROBLEM TO BE SOLVED: To improve the entire job efficiency by transferring
data to set an incoming call notice means in response to an attribute of a
medium to an opposite party in the case of making an incoming call notice
to the opposite party via a channel so as to avoid the job of the opposite
party from being uselessly interrupted.

SOLUTION: In a telephone application working on a computer network, a
caller uses a key board and a mouth of an incoming call medium operation
section 101 to set how strong an incoming call is noticed to the opposite
party. Then a notice of the incoming call is made by a popup menu of a
window on a computer monitor and the setting of the strength of the
incoming call notice is made by designating a size of the window for the
incoming call display. An incoming call information analysis section 109 of
a called **terminal** receives a value denoting the **size** of the **window**

having a popup **menu** based on received packet information and gives a popup **menu** display to the **window** of the designated **size** on the **computer** monitor of an incoming call notice section 105 to notify an incoming call.

10/5/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

04235478   **Image available**
THROTTLING CONTROL SYSTEM

PUB. NO.:   05-227178 [JP 5227178 A]
PUBLISHED: September 03, 1993 (19930903)
INVENTOR(s):   NAKAMURA HISANAGA
                IIDA ICHIRO
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   04-025503 [JP 9225503]
FILED: February 12, 1992 (19920212)
INTL CLASS: [5] H04L-012/42; H04L-005/22
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: E, Section No. 1475, Vol. 17, No. 676, Pg. 143,
                December 13, 1993 (19931213)

ABSTRACT
PURPOSE: To provide the throttling control system evenly distributing each node and capable of effectively transferring WS on the throttling.

CONSTITUTION: A control section 10 connected with a throttling 1 and performing various type of controls, a queue buffer 11 holding data to be transmitted from a **terminal** , a WS buffer 12 holding the set **window size** of **data** and sending the **window size** of slot **data** to the throttling 1, and a WS counter 13 counting the number of slots to be sent from the WS buffer 12 by means of a set/reset signal from the control section 10 are provided in each node. When the control section 10 in the node issuing the reset slot checks the number of nodes having data in a queue buffer 11, the band is dynamically re-allocated in operation according to the state of the network.

10/5/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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03017472   **Image available**
READ DATA DECIDING CIRCUIT

PUB. NO.:   01-315072 [JP 1315072 A]
PUBLISHED: December 20, 1989 (19891220)
INVENTOR(s):   HONDA HIDEICHI
                IWAI TAKEO
                SUZUKI YASUHIRO
                KAMEOKA TETSUJI
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   63-145711 [JP 88145711]
FILED: June 15, 1988 (19880615)
INTL CLASS: [4] G11B-020/14
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment)
JOURNAL: Section: P, Section No. 1017, Vol. 14, No. 122, Pg. 21, March
                07, 1990 (19900307)

ABSTRACT

PURPOSE: To decrease the data errors and to improve the reliability of a read data discriminating circuit by adding a circuit to said data discriminating circuit to correct the window width with a read data pattern.

CONSTITUTION: The read data discriminating signals is inputted to a CL input terminal F of a shift register 46 via an OR 47 as a clear 51 and a clock 50 passed through an inverter 48 is inputted to a T input terminal G respectively. A maximum interval data window correction signal 53 is outputted if no data is obtained for seven windows for acquisition of the maximum interval data window correction signals 54 and 55. While the signals C and D are fetched with a clock 64 for acquisition of the minimum interval data window correction signals 58 and 59. Then the 3rd window counted from the windows where the read data has a rise is always corrected. The signals 54/59 and 55/58 undergo the OR via the OR 60 and 61 respectively for acquisition of the window correction signals 62 and 63. Then the maximum and minimum interval data patterns increase their window widths in the advance and delay directions respectively.

10/5/5   (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

02850332   **Image available**
LINEAR PREDICTIVE CODING METHOD

PUB. NO.:   01-147932 [JP 1147932 A]
PUBLISHED: June 09, 1989 (19890609)
INVENTOR(s):   TAKANO HIROMI
               MORIWAKI HISAYOSHI
               AKAGIRI KENZO
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   62-306437 [JP 87306437]
FILED: December 03, 1987 (19871203)
INTL CLASS: [4] H04B-014/04
JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems)
JOURNAL: Section: E, Section No. 818, Vol. 13, No. 407, Pg. 87,
               September 08, 1989 (19890908)

ABSTRACT
PURPOSE: To improve the accuracy of prediction coefficient by applying blocking processing to a sample and multiplying a prescribed value with the sample for each block.

CONSTITUTION: The multiplication of weighting by a time window function W(n) is applied to an input data X(sub t) at a terminal 11 by a time window 21, the obtained data is compared with a maximum value of a preceding data to extract a maximum value of data X(sub t).W(n). Similar processing is applied to the data X(sub t) of one block succeedingly. Then a maximum value T(sub max) after weighting in one block is extracted. Then the value T(sub max) is shifted left one by one bit sequentially, doubled, compared with a value TREF being a comparison reference and the processing is proceeded to obtain the result of T(sub min)>=TREF. Thus, the data X(sub t).W(n) after weighting is multiplied in the unit of blocks in the range that the maximum value T(sub max) is not subject to overflow. Even with a limit of word length for succeeding processing, the accuracy of prediction coefficient .alpha.i is improved.

10/5/6   (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

02766463   **Image available**
DIGITIZER SYSTEM

ABSTRACT

PURPOSE: To prevent the data extracting mistakes by providing the history
of affections of the 2-dimensional coordinate value delivered outside as
the coordinates data against an external system as the drawing data.
CONSTITUTION: The picture data (a) obtained from outside is stored in an
image memory 1. A vector generating part 2 produces a vector on an image
memory 3 based on the drawing data (b) given from outside and produces the
picture data (d). A pattern to be measured is attached on a digitizer board
7 and the points to be measured are pointed by an accessory cursor, etc.,
for the coordinates on a pattern. Thus the 2-dimensional coordinates of the
pointed point are turned into the form of the digital data that can be
utilized by a **computer** and delivered as the coordinate **data** C. A
 window   segmenting part 3 segments the **sizes** that can be displayed at a
graphic display part 5 out of data a' and b' stored in both memories 1 and
3 and gives these sizes to the part 5.

    10/5/7   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

013479497   **Image available**
WPI Acc No: 2000-651440/200063
XRPX Acc No: N00-483119
 Text box display procedure for use in web page, involves computing number
 of lines required for displaying text data, using program file and
 accordingly changing text box size
Patent Assignee: HITACHI JOHO SYSTEMS KK (HITA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000268027	A	20000929	JP 9972860	A	19990318	200063	B

Priority Applications (No Type Date): JP 9972860 A 19990318
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000268027	A		7	G06F-017/21	

Abstract (Basic): JP 2000268027 A
        NOVELTY - The server (12) computes number of characters of text
    data covered in one line using program file. The computed value for
    every line is added, and number of lines to be printed for covering
    text data is calculated. The **size** of **text** **box** of web page in
    client **computer** is changed based on calculation result.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
    recording medium storing text box display program.
        USE - For use in web page of WWW system.
        ADVANTAGE - Unnecessary space is not created in the text box.
    Avoids scrolling of text box. Data is displayed legibly and
    conspicuousness is decreased.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    text box display procedure.
        Server (12)

pp; 7 DwgNo 1/5
Title Terms: TEXT; BOX; DISPLAY; PROCEDURE; WEB; PAGE; COMPUTATION; NUMBER;
  LINE; REQUIRE; DISPLAY; TEXT; DATA; PROGRAM; FILE; ACCORD; CHANGE; TEXT;
  BOX; SIZE
Derwent Class: T01
International Patent Class (Main): G06F-017/21
International Patent Class (Additional): G06F-003/14; G06F-013/00
File Segment: EPI

 10/5/8   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013347434   **Image available**
WPI Acc No: 2000-519373/200047
XRPX Acc No: N00-384493
 Display processing apparatus for operation system, has icon display
 process unit to display icon which symbolizes each resource based on
 location of resource, on display area
Patent Assignee: FUJI XEROX CO LTD (XERF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000200127	A	20000718	JP 99305976	A	19991027	200047	B

Priority Applications (No Type Date): JP 98312717 A 19981104
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000200127	A		8	G06F-003/00	

Abstract (Basic): JP 2000200127 A
        NOVELTY - A desktop of standard shape is displayed in display
    screen (100). An area display process unit processes to display the
    desktop information for every local resource location for utilization.
    Icon display process unit displays the icon that symbolizes each
    resource corresponding to location of the resource, on desktop.
        USE - For use in operation system (OS) of **computer** with **window**
    display and **icon** display function used for three **dimensional**
    display mode.
        ADVANTAGE - Enables user to recognize each icon symbolization
    intuitively based on resource location, by observing the screen. Also
    production of display area where icon is displayed can be effectively
    done, as imagination desktop. Thus user's recognition property and
    operativity are improved.
        DESCRIPTION OF DRAWING(S) - The figure shows the explanatory
    drawing of display image of desktop in 3D display mode.
        Display screen (100)
        pp; 8 DwgNo 3/6
Title Terms: DISPLAY; PROCESS; APPARATUS; OPERATE; SYSTEM; DISPLAY; PROCESS
  ; UNIT; DISPLAY; RESOURCE; BASED; LOCATE; RESOURCE; DISPLAY; AREA
Derwent Class: T01
International Patent Class (Main): G06F-003/00
International Patent Class (Additional): G06F-013/00
File Segment: EPI

 10/5/9   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013258922   **Image available**
WPI Acc No: 2000-430805/200037
XRPX Acc No: N00-321505
 Data retrieving system used in network, has hybrid gateway which is
 coupled to network to control downloading of information at variable
 rates in requesting terminals

Patent Assignee: HUGHES ELECTRONICS CORP (HUGA)
Inventor: DILLON D; GUPTA V
Number of Countries: 087 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200027044	A2	20000511	WO 99US25642	A	19991102	200037	B
AU 200013353	A	20000522	AU 200013353	A	19991102	200040	
EP 1050117	A2	20001108	EP 99956825	A	19991102	200062	
			WO 99US25642	A	19991102		

Priority Applications (No Type Date): US 99233343 A 19990119; US 98106933 A
   19981103
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200027044	A2	E	74	H04B-007/00	

   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
   CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
   LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
   SL TJ TM TR TT UA UG UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

Patent No	Kind	Lan	Main IPC	Filing Notes
AU 200013353	A		H04B-007/00	Based on patent WO 200027044
EP 1050117	A2	E	H04B-007/00	Based on patent WO 200027044

   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
   LU MC NL PT SE

Abstract (Basic): WO 200027044 A2
      NOVELTY - A hybrid gateway is coupled to the network so as to
   control downloading of information at variable rates in requesting
   terminals coupled to the network. The hybrid gateway changes the
   advertised **window** **size** of request **data** and forwards the request
   to the source **computer** . The source **computer** answers the request via
   communication link.
      DETAILED DESCRIPTION - The hybrid gateway selects the communication
   link based on congestion avoidance techniques. The information
   downloading rate is changed based on level of service subscribed by
   each of the requesting terminals. An INDEPENDENT CLAIM is also included
   for controlling data low loading rate.
      USE - In network.
      ADVANTAGE - The band width for communication link is reduced
   effectively by using hybrid gate way.
      DESCRIPTION OF DRAWING(S) - The figure shows the depicts the flow
   chart of the steps involved in controlling data down loading.
      pp; 74 DwgNo 14/14
Title Terms: DATA; RETRIEVAL; SYSTEM; NETWORK; HYBRID; GATEWAY; COUPLE;
   NETWORK; CONTROL; INFORMATION; VARIABLE; RATE; REQUEST; TERMINAL
Derwent Class: T01; W01
International Patent Class (Main): H04B-007/00
File Segment: EPI

 10/5/10   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013030162   **Image available**
WPI Acc No: 2000-202013/200018
XRPX Acc No: N00-150494
 Overlay printing system of printer, performs form-overlay printing
 according to form control data from conversion unit
Patent Assignee: CASIO COMPUTER CO LTD (CASK); CASIO DENSHI KOGYO KK
   (CASK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000039978	A	20000208	JP 98209742	A	1998072	200018	B

Priority Applications (No Type Date): JP 98209742 A 19980724
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2000039978 A   9 G06F-003/12

Abstract (Basic): JP 2000039978 A
        NOVELTY - The text file for HDA stored on hard disk (5) of host
    computer (1) is read by the identification unit of the terminal
    computer (2) and converted into form control data by the printer driver
    in the conversion unit. The printer (3) performs the form-overlay
    printing according to the form control data from the conversion unit.
        USE - For form-overlay printing in windows environment.
        ADVANTAGE - The form-overlay printing is performed reliably by HDA
    in the environment of the **windows** . As the forwarding **data** to a
    terminal   computer are **reduced** from the host **computer** , high speed
    printing process is enabled. DESCRIPTION OF DRAWING(S) - The figure
    shows the block diagram of the overlay printing system. (1) Host
    computer; (2) Terminal computer; (3) Printer; (5) Hard disk.
        Dwg.1/10
Title Terms: OVERLAY; PRINT; SYSTEM; PRINT; PERFORMANCE; FORM; OVERLAY;
    PRINT; ACCORD; FORM; CONTROL; DATA; CONVERT; UNIT
Derwent Class: P75; T01
International Patent Class (Main): G06F-003/12
International Patent Class (Additional): B41J-021/00
File Segment: EPI; EngPI

   10/5/11   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

012673408   **Image available**
WPI Acc No: 1999-479515/199940
XRPX Acc No: N99-356978
Java script for client computers **on a network, to allow** resizing **or
redrawing display** windows **without lowing necessary** information
objects required to dynamically update the contents of the windows
Patent Assignee: MANNING & NAPIER INFORMATION SERVICES (MANN-N)
Inventor: ANDREWS T W; CHRONIS T; GOTO M; POGODA-CURTIS S
Number of Countries: 084 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9940507	A1	19990812	WO 99US2512	A	19990205	199940	B
AU 9925862	A	19990823	AU 9925862	A	19990205	200005	

Priority Applications (No Type Date): US 9820098 A 19980206
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9940507   A1 E 56 G06F-005/01
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT UA UG US UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9925862   A   G06F-005/01   Based on patent WO 9940507

Abstract (Basic): WO 9940507 A1
        NOVELTY - A Hyper Text Markup Language (HTML) file, downloaded from
    a network server, is used to create a reference window (56) and
    associated display frames (60,62,68,70,72,74). Information objects and
    properties associated with the frames are stored in memory at locations
    linked with the HTML file, and are not allowed to be overwritten until
    reference window (56) is closed, thus information objects and
    properties will not be lost when frames (60,etc.) are resized or
    redrawn.
        USE - Used in client computer systems on a data network, to

facilitate efficient data communication over the network by reducing
the number of server calls required to update a display frame content.
ADVANTAGE - Storing information objects and properties in the
client system, so that they are linked to the reference window and not
overwritten until it is closed, minimizes the number of server calls
required to update frame content and thus improves the response to the
user and the efficiency of use of the network.
pp; 56 DwgNo 5/5
Title Terms: SCRIPT; CLIENT; COMPUTER; NETWORK; ALLOW; REDRAW; DISPLAY;
WINDOW; NECESSARY; INFORMATION; OBJECT; REQUIRE; DYNAMIC; UPDATE; CONTENT
; WINDOW
Derwent Class: T01; T04; W01
International Patent Class (Main): G06F-005/01
International Patent Class (Additional): G06F-003/14; G06F-015/00;
G06F-017/30
File Segment: EPI

10/5/12   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012637994   **Image available**
WPI Acc No: 1999-444098/199937
XRPX Acc No: N99-331219
   Computer **display system uses a bubble** box **to edit** data **can display**
   large **amounts of data in a user interface of limited size**
Patent Assignee: INFODREAM CORP (INFO-N)
Inventor: ANDLEIGH P K; LEE C
Number of Countries: 084 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9934278	A1	19990708	WO 98US27412	A	19981222	199937	B
AU 9919440	A	19990719	AU 9919440	A	19981222	199951	
GB 2338810	A	19991229	WO 98US27412	A	19981222	200003	
			GB 9923073	A	19990929		

Priority Applications (No Type Date): US 9770074 A 19971231
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9934278	A1	E	21	G06F-003/023	

   Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
   CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
   LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
   TJ TM TR TT UA UG US UZ VN YU ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

| GB 2338810 | A | | | G06F-017/24 | Based on patent WO 9934278 |
| AU 9919440 | A | | | G06F-003/023 | Based on patent WO 9934278 |

Abstract (Basic): WO 9934278 A1
      NOVELTY - The system has a user interface data field for displaying
   a portion of a data item on the display, a data bubble box associated
   with the user interface data field for displaying the data item, and an
   edit box associate with the data bubble box for editing the data item.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
   method for editing a data item displayed on a computer display system.
      USE - Computer displays that use a bubble box to edit data.
      ADVANTAGE - Can display large amounts of data in a user interface
   field which has a limited size.
      DESCRIPTION OF DRAWING(S) - The figure shows an edit box of the
   computer display system.
      pp; 21 DwgNo 4/5
Title Terms: COMPUTER; DISPLAY; SYSTEM; BUBBLE; BOX; EDIT; DATA; CAN;
   DISPLAY; AMOUNT; DATA; USER; INTERFACE; LIMIT; SIZE
Derwent Class: T01
International Patent Class (Main): G06F-003/023; G06F-017/24

International Patent Class (Additional): G06F-003/033; G06F-009/44
File Segment: EPI

10/5/13   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012630343   **Image available**
WPI Acc No: 1999-436447/199937
XRPX Acc No: N99-325766
 Transmitting data window size **modification method for data**
 reception control in terminal **adaptor, telecommunication control**
 apparatus connected to digital network – involves computing frame
 proportion by dividing output of specific timer by that of another timer,
 based on which window size is modified
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind Date   Week
JP 11177619   A   19990702 JP 97363107   A   19971215 199937 B

Priority Applications (No Type Date): JP 97363107 A 19971215
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 11177619   A   7 H04L-012/56

Abstract (Basic): JP 11177619 A
     NOVELTY – If frame of BECN bit is detected to be 1, the window size
 `WS' is reduced and a timer `T1' is started followed by reset of
 counters `A' and `B'. The frame proportion `R' is calculated, by
 dividing output of timer `B' by that of timer `A', and if it is
 positive, `WS' is reduced. If `R' is not positive, it is judged whether
 `WS' is maximum, otherwise `WS' is expanded. DETAILED DESCRIPTION –
 After reset of timer `T1' followed by reset of counters `A' and `B'
 when the time `T' between two measurement routines elapses, the timer
 `A' is incremented. When BECN bit of frame is detected to be 1, counter
 `B' is incremented and the process is repeated for computing frame
 proportion.
     USE – For modifying transmitting **data   window   size** for **data**
 reception control in **terminal** adaptor, telecommunication control
 apparatus, communication protocol conversion apparatus connected to
 digital network.
     ADVANTAGE – Performs recovery amount of transmitting data,
 irrespective of amount of data received from frame relay network. Data
 reception control can be performed efficiently, since transmitting data
 window size is modified based on the frame proportion.
     Dwg.1/2
Title Terms: TRANSMIT; DATA; WINDOW; SIZE; MODIFIED; METHOD; DATA;
  RECEPTION; CONTROL; TERMINAL; ADAPT; TELECOMMUNICATION; CONTROL;
  APPARATUS; CONNECT; DIGITAL; NETWORK; COMPUTATION; FRAME; PROPORTION;
  DIVIDE; OUTPUT; SPECIFIC; TIME; TIME; BASED; WINDOW; SIZE; MODIFIED
Derwent Class: W01
International Patent Class (Main): H04L-012/56
File Segment: EPI

10/5/14   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012577672   **Image available**
WPI Acc No: 1999-383779/199932
XRPX Acc No: N99-287282
 Fuzzy logic implemented window size determination apparatus in computer
 system
Patent Assignee: UNISYS CORP (BURS)

Inventor: O'BRIEN G; SMITH J H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5905978	A	19990518	US 96680757	A	19960715	199932	B

Priority Applications (No Type Date): US 96680757 A 19960715
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5905978	A		18	G06F-015/18	

Abstract (Basic): US 5905978 A
     NOVELTY - A computer (410) transmits message to I/O board (470) and
     accepts acknowledge (ACK) along with fuzzy input set indicating memory
     utilization value and queue depth based on which fuzzy logic generating
     unit generates predetermined value corresponding to size of window. The
     queue depth value indicates queue depth of messages in message queue
     depth maintained by data channel.
     DETAILED DESCRIPTION - The queue depth value is incremented when a
     message is added to queue and decremented on removal of message from
     queue. Based on **size** of **window** , **data** flow between **computer** and
     input-output board is regulated. An INDEPENDENT CLAIM is included for
     window size varying method.
     USE - In computer system.
     ADVANTAGE - Window size can be varied to promote efficient data
     channel utilization.
     DESCRIPTION OF DRAWING(S) - The figure shows input-output channel
     between computer processor and media.
     Computer (410)
     I/O board (470)
     pp; 18 DwgNo 4/18
Title Terms: FUZZ; LOGIC; IMPLEMENT; WINDOW; SIZE; DETERMINE; APPARATUS;
   COMPUTER; SYSTEM
Derwent Class: T01
International Patent Class (Main): G06F-015/18
File Segment: EPI

 10/5/15   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011750987   **Image available**
WPI Acc No: 1998-167897/199815
XRPX Acc No: N98-133322
 Locating method of window frames or program icons for window interface -
 using computer **mouse to locate** window **frame or program** icon **for**
 further processing via two- dimensional **control buttons of mouse**
Patent Assignee: PRIMAX ELECTRONICS LTD (PRIM-N)
Inventor: HER H; LIOU W; WU J; YANG M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
TW 323355	A	19971221	TW 97101226	A	19970203	199815	B

Priority Applications (No Type Date): TW 97101226 A 19970203
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TW 323355	A		41	G06F-003/00	

Abstract (Basic): TW 323355 A
     A locating method is that a pointing device is used to select and
     locate a window frame as the located window frame from multiple window
     frames contained in a window interface. The window interface can only
     have one window frame selected as the located window frame, and the
     interface is displayed on a monitor screen. A window frame that is
     located in the window interface is displayed in a particular way on the

monitor screen, while the rest of window frames on the screen are
displayed in a normal way. The point device includes a 2-dimensional
control buttons for generating a 2-D index signal, and a cursor control
mechanism for generating the cursor control signal to control the
movement of cursor shown on the monitor screen. The point device is
electrically connected to a computer that is electrically connected to
the monitor. The computer contains a Windows software that includes a
window frame control module for locating the window frame inside the
window interface in accordance with the pointing signal, and a cursor
control module for controlling the cursor movement of the cursor in
accordance with the cursor control signal.
     The method includes the following procedures a. Provide a position
file of window frames that includes the represented position of every
window frame inside window interface; b. Follow a designated direction
to drive the window frame control button for generating a pointing
signal; c. Use the control module of window frame to receive the
pointing signal; d. Starting from the position of the located window
frame, follow approximately the designated direction of the pointing
signal and detect the position of another window frame contained in the
position file of window frames; and e. Locate the detected window frame
and show it on the monitor screen with the aforesaid particular method.
     USE - For window frames used in computer window interface.
     Dwg.12/12
Title Terms: LOCATE; METHOD; WINDOW; FRAME; PROGRAM; WINDOW; INTERFACE;
  COMPUTER; MOUSE; LOCATE; WINDOW; FRAME; PROGRAM; PROCESS; TWO-DIMENSIONAL
  ; CONTROL; BUTTON; MOUSE
Derwent Class: T01
International Patent Class (Main): G06F-003/00
File Segment: EPI

  10/5/16   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011681487   **Image available**
WPI Acc No: 1998-098396/199809
XRPX Acc No: N98-079296
  **Pushbutton telephone for facsimile communication - assigns extension
  number to each telephone/facsimile corresponding to which facsimile data
  stored in several boxes are sequentially transmitted to destination
  facsimile during arrival of ring tone**
Patent Assignee: NITTSUKO KK (NITT-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 9327050   A   19971216 JP 96165226   A   19960604 199809 B

Priority Applications (No Type Date): JP 96165226 A 19960604
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9327050   A   6 H04Q-003/58

Abstract (Basic): JP 9327050 A
     The pushbutton telephone (100) includes a subscriber telephone
circuit (101) connected to a telephone exchange (102) and with an
extension telephone/facsimile (103). For each extension
telephone/facsimile, an extension number is assigned corresponding to
which a mail is assigned for storing the facsimile data.
     When the ring tone is received through the pushbutton part, the
facsimile data corresponding to the received number is stored in the
box of each extension telephone/facsimile. After storing the facsimile
data, the stored **data** from the **box** of each **extension**
telephone/facsimile is automatically transmitted to the destination
facsimile **terminal** sequentially.
     ADVANTAGE - Enables automatic facsimile data transmission
effectively.

Dwg.1/4
Title Terms: PUSHBUTTON; TELEPHONE; FACSIMILE; COMMUNICATE; ASSIGN; EXTEND;
  NUMBER; TELEPHONE; FACSIMILE; CORRESPOND; FACSIMILE; DATA; STORAGE; BOX;
  SEQUENCE; TRANSMIT; DESTINATION; FACSIMILE; ARRIVE; RING; TONE
Derwent Class: W01; W02
International Patent Class (Main): H04Q-003/58
International Patent Class (Additional): H04M-003/42; H04M-003/50;
  H04M-011/00; H04N-001/00; H04N-001/21; H04N-001/32
File Segment: EPI

 10/5/17   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011591235   **Image available**
WPI Acc No: 1998-008364/199801
XRPX Acc No: N98-006661
 **Video signal processing method - encoding video data which is transmitted
 to destination system which has processor to decode encoded data and
 display device displaying decode data in window of monitor**
Patent Assignee: INTEL CORP (ITLC)
Inventor: DOWNS T
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5689800   A   19971118   US 95494013   A   19950623 199801 B

Priority Applications (No Type Date): US 95494013 A 19950623
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 5689800   A   10 H04N-007/173

Abstract (Basic): US 5689800 A
       The method involves transmitting video data to a destination
    computer. The destination computer displays the video data.
       The destination **computer** reduces one or more of the following
    video **data** display parameters: **window   size** , resolution, and
    colour range. The destination **computer** notifies the source **computer**
    of the reduction of the video data display parameters.
       The transmission of video data transmitted to the destination
    computer is adjusted in accordance with the reduction of the video data
    display parameters. The quality of video data which is transmitted to
    the destination computer is reduced in accordance with the reduction of
    the video data display parameters.
       ADVANTAGE - Increased efficiency.
       Dwg.4/4
Title Terms: VIDEO; SIGNAL; PROCESS; METHOD; ENCODE; VIDEO; DATA; TRANSMIT;
  DESTINATION; SYSTEM; PROCESSOR; DECODE; ENCODE; DATA; DISPLAY; DEVICE;
  DISPLAY; DECODE; DATA; WINDOW; MONITOR
Derwent Class: T01; W02; W04
International Patent Class (Main): H04N-007/173
File Segment: EPI

 10/5/18   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

011495469   **Image available**
WPI Acc No: 1997-473382/199744
XRPX Acc No: N97-394678
 **Graphical user interface method for automatically resizing window in
 response to changes in focus - automatically resizes all windows not
 having focus, and allows user to selectively re-size active windows
 without using icons**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: AMRO H Y
Number of Countries: 005   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 798627	A1	19971001	EP 97301510	A	19970306	199744	B
JP 10011259	A	19980116	JP 9768823	A	19970321	199813	
US 5872567	A	19990216	US 96626751	A	19960329	199914	
US 5990889	A	19991123	US 96626751	A	19960329	200002	
			US 98169227	A	19981009		

Priority Applications (No Type Date): US 96626751 A 19960329; US 98169227 A
  19981009
Cited Patents: Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 798627	A1	E	9	G06F-003/033	

    Designated States (Regional): DE FR GB

US 5990889	A			G06F-015/00	Cont of application US 96626751
					Cont of patent US 5872567
JP 10011259	A		8	G06F-003/14	
US 5872567	A			G06F-015/00	

Abstract (Basic): EP 798627 A
      The method for directing a **computer** system to automatically   -
  resize a first **information** **window** displayed on the **computer**
  display involves automatically calculating a zoomed out size for the
  first window in response to detecting a transfer from a first window to
  a second window.
      The zoomed out size is used for automatically displaying on the
  computer display the first window and the information within it.
      USE/ADVANTAGE - Automatically resizing open window in response to
  loss or gain in focus. Allows user to view multiple windows on screen
  by automatically zooming out all windows not having focus. User can
  selectively toggle window between zoomed out state and default state.
      Dwg.3/3
Title Terms: GRAPHICAL; USER; INTERFACE; METHOD; AUTOMATIC; WINDOW; RESPOND
  ; CHANGE; FOCUS; AUTOMATIC; WINDOW; FOCUS; ALLOW; USER; SELECT; SIZE;
  ACTIVE; WINDOW
Derwent Class: T01
International Patent Class (Main): G06F-003/033; G06F-003/14; G06F-015/00
File Segment: EPI

 10/5/19   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011364483   **Image available**
WPI Acc No: 1997-342390/199732
XRPX Acc No: N97-284035
 Seal identifying device
Patent Assignee: CHAOSHUN SCI & TECHNOLOGY CO LTD CO ZHUH (CHAO-N)
Inventor: HUANG Q; LU N; ZHANG F
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CN 1107241	A	19950823	CN 94110855	A	19940218	199732	B

Priority Applications (No Type Date): CN 94110855 A 19940218

Abstract (Basic): CN 1107241 A
      The machine is composed of a pick-up camera, microprocessor
  display, and connectors. The microprocessor comprises a CPU, memory,
  hard disk, soft disk, bus interface, extender slot, image processing
  card, serial port and parallel port. The image processing card is
  composed of an A-D converter, memory, image processing circuit, pattern
  recognition circuit and connectors. The A-D converter is connected to

the image output terminal. The pattern recognition circuit is connected
to microprocessor.

Owing to that the **microcomputer** can adopt the main frame storage
and **extender box** discrete structures, the **information** stored in
the main frame library can be latched in the safe.

ADVANTAGE - Completes mark-examination course automatically,
decreases pressure bearing on examinator, improves accuracy and
scientific administration.

Dwg.1

Title Terms: SEAL; IDENTIFY; DEVICE
Derwent Class: T01
International Patent Class (Main): G06F-019/00
International Patent Class (Additional): G06T-001/00
File Segment: EPI

10/5/20   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011319716   **Image available**
WPI Acc No: 1997-297620/199727
Related WPI Acc No: 1997-434662
XRPX Acc No: N97-245974
**Desired behaviour in digital image detecting apparatus for stellate
lesion in mammogram - has computer to compute edge orientation values of
accessed digital image data for each pixel and to histogram computed edge
orientation values of each pixel for presence of desired behaviour can be
detected**
Patent Assignee: KEGELMEYER W P (KEGE-I)
Inventor: KEGELMEYER W P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5633948	A	19970527	US 92983218	A	19921130	199727	B
			US 95380474	A	19950130		

Priority Applications (No Type Date): US 92983218 A 19921130; US 95380474 A
19950130
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5633948	A		16	G06K-009/00	Cont of application US 92983218

Abstract (Basic): US 5633948 A
The apparatus includes a keyboard or a scanner for inputting
digital image **data** , **a window** of **size** 30 mm by 30 mm, and a
computer . The window accesses each pixel of a digital image data and
pixels surrounding each pixel in predetermined window dimensions.

The computer computes edge orientation values of the accessed
digital image data for each pixel and histograms the computed edge
orientation values of each of the pixels. The presence of a desired
behaviour in each pixel for which the orientation histogram indicates a
characteristic degree of orientation heterogeneity is then detected by
the computer. Image extracts from known images can be used to grow a
decision tree to label each pixel within a mammogram with its
probability of containing an abnormality.

USE/ADVANTAGE - For detecting stellate lesion in digitized
mammographic image data; industrial application e.g. texture
discrimination in quality evaluation of CVD diamond film; medical
imaging; target imaging; classification or identification of behaviour
object in image data. Permits automatic detection of stellate lesion.

Dwg.7/9

Title Terms: BEHAVE; DIGITAL; IMAGE; DETECT; APPARATUS; STELLATE; LESION;
  COMPUTER; COMPUTATION; EDGE; ORIENT; VALUE; ACCESS; DIGITAL; IMAGE; DATA;
  PIXEL; HISTOGRAM; COMPUTATION; EDGE; ORIENT; VALUE; PIXEL; PRESENCE;
  BEHAVE; CAN; DETECT
Index Terms/Additional Words: ANALYSIS; OF; LOCAL; ORIENTATED; EDGES; ALOE

Derwent Class: S05; T01; T04
International Patent Class (Main): G06K-009/00
File Segment: EPI

 10/5/21   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010998480   **Image available**
WPI Acc No: 1996-495429/199649
XRPX Acc No: N96-417932
 **Account situation referencing system for providing billing information to
 users connected to E-mail and commercial online service - has network
 host which provides reference result to user terminal through electronic
 mail**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
JP 8256144   A   19961001 JP 9559563   A   19950317 199649 B

Priority Applications (No Type Date): JP 9559563 A 19950317
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 8256144   A   16 H04L-012/14

Abstract (Basic): JP 8256144 A
      The system includes an user terminal (200) from which an account
   situation reference demand is received by an E-mail. The reference
   demand is analyzed and an account situation reference is performed.
      A network host (100) provides this reference result to a mail box
   of the user terminal.
      USE/ADVANTAGE - For procuring information about stock market
   prices, **computer** files, dictionary **data** . Shortens mail **box** access
   time. **Reduces** communication cost. Utilizes E-mail efficiently.
   Enables showing of account situation according to demand received from
   user.
      Dwg.1/21
Title Terms: ACCOUNT; SITUATE; REFERENCE; SYSTEM; BILL; INFORMATION; USER;
  CONNECT; MAIL; COMMERCIAL; SERVICE; NETWORK; HOST; REFERENCE; RESULT;
  USER; TERMINAL; THROUGH; ELECTRONIC; MAIL
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/14
International Patent Class (Additional): H04L-012/54; H04L-012/58
File Segment: EPI

 10/5/22   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010722628   **Image available**
WPI Acc No: 1996-219583/199622
XRPX Acc No: N96-184546
 **Data intensive system for terminal data collection - includes centre
 wherein** data **from several centre** windows **accumulated from
 specifically** large **numbered** terminal **is collected as one data**
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
JP 8084157   A   19960326 JP 94240843   A   19940909 199622 B

Priority Applications (No Type Date): JP 94240843 A 19940909
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes

JP 8084157   A   14 H04L-012/44

Abstract (Basic): JP 8084157 A
        The system has a public telecommunication network that collects
    data from a specifically large numbered terminal registered to a center
    beforehand. A connection network is structured like a tree, spreading
    the end so as to make several center windows the root.
        The data of each terminal is collected to the center window of the
    connection network. The data sent to each center window is collected as
    one data in the center.
        ADVANTAGE - Exceeds data-collection capability by center window
    polling because terminal data is efficiently collected by connection
    network. Minimises loss of data-collection work during conversation.
        Dwg.3/11
Title Terms: DATA; INTENSE; SYSTEM; TERMINAL; DATA; COLLECT; CENTRE; DATA;
   CENTRE; WINDOW; ACCUMULATE; SPECIFIC; NUMBER; TERMINAL; COLLECT; ONE;
   DATA
Derwent Class: W01
International Patent Class (Main): H04L-012/44
File Segment: EPI

   10/5/23   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010565828   **Image available**
WPI Acc No: 1996-062781/199607
XRPX Acc No: N96-052577
 **Cooperation control method between window device and camera - inputting
 window operating instruction to** computer, **then sending position and
  size data to display unit with** information **conversion part relocating
 window using camera instruction. NoAbstract.**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7320031	A	19951208	JP 94113144	A	19940526	199607	B

Priority Applications (No Type Date): JP 94113144 A 19940526
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7320031	A		23	G06T-001/00	

Title Terms: COOPERATE; CONTROL; METHOD; WINDOW; DEVICE; CAMERA; INPUT;
   WINDOW; OPERATE; INSTRUCTION; COMPUTER; SEND; POSITION; SIZE; DATA;
   DISPLAY; UNIT; INFORMATION; CONVERT; PART; RELOCATION; WINDOW; CAMERA;
   INSTRUCTION; NOABSTRACT
Index Terms/Additional Words: WORKSTATION; MULTI-WINDOW; SYSTEM
Derwent Class: T01; W04
International Patent Class (Main): G06T-001/00
International Patent Class (Additional): G06F-003/14; H04N-005/232
File Segment: EPI

   10/5/24   (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010514162   **Image available**
WPI Acc No: 1996-011113/199601
XRPX Acc No: N96-009528
 **Method for custom interactive user-interface element in frame of window
 of application program - using window manager to draw on computer display
 frame of window which includes icon for visually representing custom
 interactive user-interface element**
Patent Assignee: APPLE COMPUTER INC (APPY)
Inventor: CRAYCROFT T J; ULRICH R R

Number of Countries: 064   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9531771	A1	19951123	WO 95US6114	A	19950515	199601	B
AU 9525161	A	19951205	AU 9525161	A	19950515	199620	
US 5692142	A	19971125	US 94242450	A	19940513	199802	
			US 96593171	A	19960201		
US 5838315	A	19981117	US 96593171	A	19960201	199902	N
			US 97977059	A	19971124		

Priority Applications (No Type Date): US 94242450 A 19940513; US 96593171 A
  19960201; US 97977059 A 19971124
Cited Patents: 1.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9531771	A1	E	12	G06F-009/44	

    Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
    ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ
    PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
    MW NL OA PT SD SE SZ UG

AU 9525161	A			G06F-009/44	Based on patent WO 9531771
US 5692142	A		5	G06F-003/14	Cont of application US 94242450
US 5838315	A			G06F-003/14	Cont of application US 96593171
					Cont of patent US 5692142

Abstract (Basic): WO 9531771 A
       The method involves storing information referring to an icon,
    stored as part of an application program and used to visually represent
    a custom interactive user-interface element. The icon information is
    stored in a location accessible to a window manager. The window manager
    draws on the **computer** display a frame of the window including
    drawing, at a **size** and location determined by the **window** manager,
    the **icon** used to visually represent the custom interactive
    user-interface element.
       A custom interactive user-interface element is provided in a title
    bar of a window of an application program in a graphic, event-driven
    computer system with a computer display. The custom interactive
    user-interface element is provided by storing information referring to
    an icon stored as part of the application program and used to visually
    represent the custom interactive user-interface element, in a location
    accessible to a window manager.
       USE/ADVANTAGE - For graphic, event driven computer system. Allows
    explicit support of custom gadgets in efficient way, requiring minimum
    application involvement, i.e. method is application-transparent.
       Dwg.3/4
Title Terms: METHOD; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT; FRAME;
  WINDOW; APPLY; PROGRAM; WINDOW; MANAGE; DRAW; COMPUTER; DISPLAY; FRAME;
  WINDOW; VISUAL; REPRESENT; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT
Derwent Class: T01
International Patent Class (Main): G06F-003/14; G06F-009/44
File Segment: EPI

 10/5/25   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010014880   **Image available**
WPI Acc No: 1994-282591/199435
XRAM Acc No: C94-128586
XRPX Acc No: N94-222806
 Automatic management system for sawing curtain - has host computer **to
 calculate series of operation data from** dimensional   data **of measured**
   window, **etc.**
Patent Assignee: KYOKUTO SANKI KK (KYOK-N)
Number of Countries: 001   Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 6209844	A	19940802	JP 9324948	A	19930121	199435	B

Priority Applications (No Type Date): JP 9324948 A 19930121
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 6209844	A		6	A47H-023/00	

Abstract (Basic): JP 6209844 A
    Dimensional data of a measured window, a type of a plait, features
of an original cloth, and the number of pieces of curtains to be made
are all input into a host computer, and a series of operation data are
automatically calculated.
    USE - Used for automatically managing cutting and sawing processes
of a curtain by a computer.
    Dwg.2/3
Title Terms: AUTOMATIC; MANAGEMENT; SYSTEM; SAW; CURTAIN; HOST; COMPUTER;
  CALCULATE; SERIES; OPERATE; DATA; DIMENSION; DATA; MEASURE; WINDOW
Derwent Class: F05; P27; P56
International Patent Class (Main): A47H-023/00
International Patent Class (Additional): B23Q-041/00; D05B-023/00
File Segment: CPI; EngPI

  10/5/26   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009865062   **Image available**
WPI Acc No: 1994-144924/199418
Related WPI Acc No: 1994-122716
XRPX Acc No: N94-114190
  **Data transmission system with packets having occupied, idle, released and
  reset states - assigns two windows to terminals of each unit of system
  for number of packets it may transmit**
Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU); MATSUSHITA DENKI
  SANGYO KK (MATU)
Inventor: KUBOTA K; TANAKA T
Number of Countries: 003 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2104133	A	19940218	CA 2104133	A	19930816	199418	B
JP 6152620	A	19940531	JP 92302016	A	19921112	199426	
JP 6209325	A	19940726	JP 933543	A	19930112	199434	
US 5392286	A	19950221	US 93107219	A	19930816	199513	

Priority Applications (No Type Date): JP 933543 A 19930112; JP 92217990 A
  19920817; JP 92302016 A 19921112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2104133	A		107	H04L-012/56	
JP 6152620	A		3	H04L-012/42	
JP 6209325	A		8	H04L-012/42	
US 5392286	A		44	H04J-003/24	

Abstract (Basic): CA 2104133 A
    The system has one window of terminals as a parameter for
transmitting data by using idle packets and the other by using released
packets. The unit responds to the state of a received packet, the state
of the windows, and the presence or absence of transmit data to control
whether the packet transmitted from the unit is a packet from internal
transforming buffers, a released packet from a released cell producing
circuit or an occupied packet contg. data from the unit's own
terminals.
    A released packet contains the address of the unit which generated
it and is generated when there is no data to be transmitted and an idle

packet is received by the unit. Any unit can occupy a released packet
with data from its **terminal** within the second **window** band,
increasing data throughput.
      USE/ADVANTAGE - Multi-medium information organised into packets and
transmitted among nodes interconnected on ring ATM network. High
fairness and data throughput.
      Dwg.5/25
Title Terms: DATA; TRANSMISSION; SYSTEM; PACKET; OCCUPY; IDLE; RELEASE;
  RESET; STATE; ASSIGN; TWO; WINDOW; TERMINAL; UNIT; SYSTEM; NUMBER; PACKET
 ; TRANSMIT
Derwent Class: W01
International Patent Class (Main): H04J-003/24; H04L-012/42; H04L-012/56
International Patent Class (Additional): H04L-012/48
File Segment: EPI

 10/5/27   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009675449   **Image available**
WPI Acc No: 1993-369002/199346
Related WPI Acc No: 1992-308051
XRAM Acc No: C93-163818
XRPX Acc No: N93-284789
 **Electrochromic devices for windows, displays and voltage indicators -
contg. electrodes comprising reversible mercaptan or organothiolate films**
Patent Assignee: UNIV CALIFORNIA (REGC)
Inventor: DOEFF M M; LAMPERT C M; MA Y; VISCO S
Number of Countries: 040 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9322707	A1	19931111	WO 93US3675	A	19930419	199346	B
AU 9343534	A	19931129	AU 9343534	A	19930419	199411	
US 5442478	A	19950815	US 90606063	A	19901030	199538	
			US 92872830	A	19920423		

Priority Applications (No Type Date): US 92872830 A 19920423; US 90606063 A
  19901030
Cited Patents: US 3451741; US 4781443; US 4992559; US 5124080; US 5128799;
  US 5206756; US 5215684
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9322707	A1	E	51	G02F-001/153	

   Designated States (National): AU BB BG BR CA CZ FI HU JP KR LK MG MN MW
  NO NZ PL RO RU SD SK UA
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
  OA PT SE

AU 9343534	A			G02F-001/153	Based on patent WO 9322707
US 5442478	A		13	G02F-001/153	CIP of application US 90606063
					CIP of patent US 5142406

Abstract (Basic): WO 9322707 A
     An electrochromic cell comprises an ion storage/dispersed
electrochromic reservoir comprising (a) an electrochromic material; and
(b) a redox material which serves as an ion storage medium.
     Also claimed are the following: (i) an electrochromic cell
comprising (a) an electrochromic electrode comprising an electrochromic
material, and (b) a composite counter electrode comprised of a redox
material which serves as an ion storage medium; (ii) an electrochromic
device comprising (a) an ion storage/dispersed electrochromic reservoir
capable of existing in a transparent electrical charge state and
comprising (1) an electrochromic material, (2) an organosulphur
material and (3) a polymer electrolyte material, (b) a first
transparent electrically conductive film in electrical contact with the
first surface of the ion storage/dispersed electrochromic reservoir,
(c) a second transparewnt electrically conductive film in electrical

contact with a second surface of the ion storage/dispersed electrochromic reservoir.

 USE/ADVANTAGE - Used as windows for watches, calculators and computer display screens; eye protection; switchable mirrors and sun visors; automobile, architectural, aircraft, marine, and spacecraft windows ; large area information displays; voltage indicators; computer memory elements; and auto headlamp covers. The electrochromic devices eliminate the need for two electrochromic electrodes with complimentary or matching properties, eliminate the need for a separation member between the electrochromic electrode and a counter electrode, eliminate the need to balance the capacity of the ion storage layer and electrochromic layer, and will uniformly cycle between coloured and uncoloured states without loss of colour uniformity.

 Dwg.1/5
Title Terms: ELECTROCHROMIC; DEVICE; WINDOW; DISPLAY; VOLTAGE; INDICATE; CONTAIN; ELECTRODE; COMPRISE; REVERSE; MERCAPTAN; ORGANO; THIOLATE; FILM
Derwent Class: A85; E19; E37; L03; P81; S01; S02; U14; W06
International Patent Class (Main): G02F-001/153
International Patent Class (Additional): G02F-001/15
File Segment: CPI; EPI; EngPI

10/5/28   (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009622421   **Image available**
WPI Acc No: 1993-315970/199340
XRPX Acc No: N93-243584
 Slot ring control system in network for transferring window size on slot ring balancing each node - has controller connected to slot ring, waiting Q buffer holding transmitting data **from** terminal window size **buffer transmitting S slot data to slot ring in node   NoAbstract**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 5227178	A	19930903	JP 9225503	A	19920212	199340	B

Priority Applications (No Type Date): JP 9225503 A 19920212
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5227178	A		7	H04L-012/42	

Abstract (Basic): JP 5227178 A
 Dwg.1/6
Title Terms: SLOT; RING; CONTROL; SYSTEM; NETWORK; TRANSFER; WINDOW; SIZE; SLOT; RING; BALANCE; NODE; CONTROL; CONNECT; SLOT; RING; WAIT; BUFFER; HOLD; TRANSMIT; DATA; TERMINAL; WINDOW; SIZE; BUFFER; TRANSMIT; SLOT; DATA; SLOT; RING; NODE; NOABSTRACT
Derwent Class: W01
International Patent Class (Main): H04L-012/42
International Patent Class (Additional): H04L-005/22
File Segment: EPI

10/5/29   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008494108
WPI Acc No: 1990-381108/199051
 Mail box control system for data switching network - notifies terminal **when hold time of** text **in mail** box **exceeds predetermined** limit **NoAbstract Dwg 1/1**
Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2277343	A	19901113	JP 8999786	A	19890418	199051	B

Priority Applications (No Type Date): JP 8999786 A 19890418
Title Terms: MAIL; BOX; CONTROL; SYSTEM; DATA; SWITCH; NETWORK;
  NOTIFICATION; TERMINAL; HOLD; TIME; TEXT; MAIL; BOX; PREDETERMINED; LIMIT
  ; NOABSTRACT
Derwent Class: W01   .
International Patent Class (Additional): H04L-012/54
File Segment: EPI

10/5/30   (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007760235   **Image available**
WPI Acc No: 1989-025347/198904
XRPX Acc No: N89-019328
 **Support for print-out to be hung or carried - has central body with
 terminal attachments and central attachment with handle and side panels
 at sides of central body**
Patent Assignee: SEIMA ITAL SPA (SIGH)
Inventor: CAPELLARI E; COSSETTI G; DAGARO A
Number of Countries: 014   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 300116	A	19890125	EP 88101803	A	19880208	198904	B
US 4893714	A	19900116	US 88158220	A	19880219	199010	
EP 300116	B1	19920708	EP 88101803	A	19880208	199228	
DE 3872615	G	19920813	DE 3872615	A	19880208	199234	
			EP 88101803	A	19880208		
CA 1305693	C	19920728	CA 558969	A	19880216	199236	

Priority Applications (No Type Date): IT 8760411 A 19870721
Cited Patents: A3...8918; DE 1761772; GB 2018202; No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 300116	A	E	5		

    Designated States (Regional): AT BE CH DE ES FR GB GR LI LU NL SE

US 4893714	A		5		
EP 300116	B1	E	5	B42F-013/12	

    Designated States (Regional): AT BE CH DE ES FR GB GR LI LU NL SE

DE 3872615	G			B42F-013/12	Based on patent EP 300116
CA 1305693	C			B42F-013/12	

Abstract (Basic): EP 300116 A
     The support for print outs has a central body (11) which has
  terminal attachments (13) and a central attachment (12). A handle (14)
  and side panels (17) are made at the side of the central body
  symmetrically along the length of the body. The body has one **terminal
  limiting** device (16) and one **window** (15) to display **information** .
     Each of the side panels has an inner portion (18) and an outer
  portion (118) which provide preferred folding lines. Holes (19) are
  provided to give passage for device (21,23) to clamp and bear print
  outs.
     ADVANTAGE - Displays information freely.
     5/5
Title Terms: SUPPORT; PRINT-OUT; HUNG; CARRY; CENTRAL; BODY; TERMINAL;
  ATTACH; CENTRAL; ATTACH; HANDLE; SIDE; PANEL; SIDE; CENTRAL; BODY
Derwent Class: P25; P27; P76
International Patent Class (Main): B42F-013/12
International Patent Class (Additional): A47B-081/00; A47F-007/16;
  B42F-013/04; B42F-015/00
File Segment: EngPI

13/5/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06290611   **Image available**
METHOD AND DEVICE FOR REMOTELY INTERACTING WITH HARDWARE DEVICE

PUB. NO.:   11-232203 [JP 11232203 A]
PUBLISHED: August 27, 1999 (19990827)
INVENTOR(s):   **AMRO HATIM YOUSEF**
                DODSON JOHN PAUL
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM>
APPL. NO.:   10-296424 [JP 98296424]
FILED: October 19, 1998 (19981019)
PRIORITY: 971737 [US 1737], US (United States of America), November 17,
                1997 (19971117)   ·
INTL CLASS: G06F-013/00; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To allow a specific part of an equipment to execute
required work by using an interconnection network (Internet) and to
eliminate the need for existence of a person related to the work by loading
down an HTML page through the Internet or another network, fetching
information related to the state of a remote device and programming a
specific characteristic.

SOLUTION: A web browser 516 is used for communication with a computer 502
connected to the Internet 512. When a user requests the fetch of an HTML
page 506 stored in a server 88 and specifies the URL of the HTML page 506
to the web browser 516, communication through the Internet 512 is
established and the HTML page 506 is finally loaded to the web browser 516.
The HTML page 506 communicates with a program B 510 through a LAN or the
like or fetches information from a corresponding device 504 or 504N.

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13/5/2   (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

05908095   **Image available**
METHOD AND SYSTEM FOR INTERACTIVELY DISPLAYING PROGRAM INFORMATION ON
TELEVISION SCREEN

PUB. NO.:   10-191195 [JP 10191195 A]
PUBLISHED: July 21, 1998 (19980721)
INVENTOR(s):   **DODSON JOHN PAUL**
                AMRO HATIM YOUSEF
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM> [000709] (A Non-Japanese
                Company or Corporation), US (United States of America)
APPL. NO.:   09-321221 [JP 97321221]
FILED: November 21, 1997 (19971121)
PRIORITY: 7-764,693 [US 764693-1996], US (United States of America),
                December 11, 1996 (19961211)
                7-764,694 [US 764694-1996], US (United States of America),
                December 11, 1996 (19961211)
                7-764,695 [US 764695-1996], US (United States of America),
                December 11, 1996 (19961211)
INTL CLASS: [6] H04N-005/445; G06T-011/80; H04N-005/44; H04N-005/45
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 45.9 (INFORMATION
                PROCESSING -- Other)

13/5/3   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013893045   **Image available**
WPI Acc No: 2001-377258/200140
XRPX Acc No: N01-276166
  **Personal digital assistant for performing remote control of apparatus has
  interface which enables control program to control apparatus when inquiry
  is provided by first radio communication port**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: **AMRO H Y** ; **DODSON J P** ; KRAFT G; TAYLOR K R
Number of Countries: 028   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000324568	A	20001124	JP 200072274	A	20000315	200140	B
CN 1268697	A	20001004	CN 2000104385	A	20000323	200140	
KR 2000071471	A	20001125	KR 200014746	A	20000323	200140	
EP 1107209	A1	20010613	EP 2000301542	A	20000228	200141	

Priority Applications (No Type Date): US 99282629 A 19990331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000324568	A		11	H04Q-009/00	
CN 1268697	A			G06F-015/00	
KR 2000071471	A			H04Q-009/00	
EP 1107209	A1	E		G08C-019/28	

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): JP 2000324568 A
      NOVELTY - An interface enables a control program to control an
apparatus (120) when an inquiry is provided by a first radio
communication port (122) from a second radio communication port (112).
The control program is used by a processor (114) connected to the
second radio communication port.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
      (a) a remote control procedure for performing remote control of
apparatus by using personal digital assistant;
      (b) and a remote control system using personal digital assistant.
      USE - For performing remote control of apparatus.
      ADVANTAGE - Performs remote control of apparatus from distant place
by radio communication.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the personal digital assistant and the apparatus for control.
      Second radio communication port (112)
      Processor (114)
      Apparatus (120)
      First radio communication port (122)
      pp; 11 DwgNo 6/11
Title Terms: PERSON; DIGITAL; ASSIST; PERFORMANCE; REMOTE; CONTROL;
  APPARATUS; INTERFACE; ENABLE; CONTROL; PROGRAM; CONTROL; APPARATUS;
  ENQUIRY; FIRST; RADIO; COMMUNICATE; PORT
Derwent Class: T01; W01; W05
International Patent Class (Main): G06F-015/00; G08C-019/28; H04Q-009/00
International Patent Class (Additional): G06F-003/00; G06F-013/00;
  H04L-012/28; H04L-029/06; H04Q-009/02
File Segment: EPI

  13/5/4   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013619315   **Image available**
WPI Acc No: 2001-103523/200112
XRPX Acc No: N01-076704
  Method for selectively displaying icons on computer display by

determining for each icon in list if icon belongs to first group of associated icons and displaying icon on main background if it belongs to first-selected group
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: **AMRO H Y ; DODSON J P**
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2298437	A1	20000930	CA 2298437	A	20000216	200112	B
JP 2000305696	A	20001102	JP 200088642	A	20000328	200112	

Priority Applications (No Type Date): US 99282623 A 19990331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2298437	A1	E	21	G06F-009/44	
JP 2000305696	A		12	G06F-003/00	

Abstract (Basic): CA 2298437 A1
     NOVELTY - The method involves compiling a list of all icons to be displayed on a main background. For each icon in the list it requires determination if the icon belongs to a first group of associated icons. The icon on the main background is displayed if the icon belongs to the first group and the first group is selected.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:
     (a) a computer program product within a computer usable medium
     (b) a computer system
     USE - In management of graphic objects in a graphical user interface for grouping icons according to application type, function, or any other user-defined way.
     ADVANTAGE - Any specific icon can be easily located by enabling the application group or groups to whom that icon belongs, and screen clutter is significantly reduced.
     DESCRIPTION OF DRAWING(S) - The drawing shows a high level flowchart for a process to determine which icons are shown in the main background desktop in accordance with the preferred embodiment of the present invention.
     pp; 21 DwgNo 8/8
Title Terms: METHOD; SELECT; DISPLAY; COMPUTER; DISPLAY; DETERMINE; LIST; BELONG; FIRST; GROUP; ASSOCIATE; DISPLAY; MAIN; BACKGROUND; BELONG; FIRST; SELECT; GROUP
Derwent Class: T01
International Patent Class (Main): G06F-003/00; G06F-009/44
International Patent Class (Additional): G11B-023/00
File Segment: EPI

13/5/5   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

013098395   **Image available**
WPI Acc No: 2000-270267/200023
XRPX Acc No: N00-202376
Enhanced on-line search processing method for distributed computer network
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y ; DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6041326	A	20000321	US 97971018	A	19971114	200023	B

Priority Applications (No Type Date): US 97971018 A 19971114
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6041326	A		15	G06F-017/00	

Abstract (Basic): US 6041326 A

NOVELTY - A search parameter is sent from a local network site to
an on-line search engine in a remote network site, to initiate a data
searching over a distributed computer network. A designated independent
user-defined plug-in program automatically links to the sent search
parameter such that data searching in computer network is filtered
using independent user-defined plug-in program and search parameter.
    DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
    (a) an enhanced on-line search processing system;
    (b) and a computer program.
    USE - Applicable for distributed computer network.
    ADVANTAGE - Enables improvement of information retrieval using with
or without graphical user interface in the distributed computer
network.
    DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for
on-line search engine customize processing method.
    pp; 15 DwgNo 7/8
Title Terms: ENHANCE; LINE; SEARCH; PROCESS; METHOD; DISTRIBUTE; COMPUTER;
  NETWORK
Derwent Class: T01
International Patent Class (Main): G06F-017/00
File Segment: EPI

13/5/6   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

012865335   **Image available**
WPI Acc No: 2000-037168/200003
XRPX Acc No: N00-027879
 Image navigation control method for window type environments
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y ; DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5977970   A   19991102 US 97971169   A   19971114 200003 B

Priority Applications (No Type Date): US 97971169 A 19971114
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5977970   A   23 G06F-003/14

Abstract (Basic): US 5977970 A
    NOVELTY - A navigational area is created and a location indicator
is inserted to the area. The indicator is dragged and dropped from an
initial to a final position, prior to moving the image to indicate the
distance. The image within the windows confinement is then moved in
predetermined direction and distance corresponding to the initial and
final positions of the location indicator.
    DETAILED DESCRIPTION - The dragging and dropping could be done
either by a mouse or touch screen. The navigational area is
superimposed on the image and has same color and shape as image to
provide minimal interference with the image. INDEPENDENT CLAIMS are
also included for the following:
    (a) apparatus for navigating an image;
    (b) computer program for navigating an image
    USE - For controlling navigation of moving information in display
window of computer systems and PDA.
    ADVANTAGE - Required navigational functionality is provided while
retaining the speed and ease of use by the user. Allows user to perform
navigation in any direction, by simply directing the indicator to move
from its initial location to new location.
    DESCRIPTION OF DRAWING(S) - The figure illustrates right, down,
diagonal movement of the image using navigation control method.
    pp; 23 DwgNo 18/21

13/5/7   (Item 5 from file: 350)

012712078   **Image available**
WPI Acc No: 1999-518191/199943
XRPX Acc No: N99-385384
 Object marking and retrieving method in data processing system
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y** ; DAO D L; **DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5950216	A	19990907	US 96748221	A	19961112	199943	B

Priority Applications (No Type Date): US 96748221 A 19961112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5950216	A		13	G06F-015/163	

Abstract (Basic): US 5950216 A
     NOVELTY - The compound document is automatically scrolled
corresponding to location of object, based on digital horizontal line,
dialog box including label and calculated page number of objects.
     DETAILED DESCRIPTION - A horizontal line is displayed with a scroll
bar, corresponding to relative location of multiple objects within
multipage compound document (11). A dialog box is displayed
corresponding to location of horizontal line, in response to user
input. The page number of multiple object within multipage document is
calculated and the particular page number is stored in a dialog box,
automatically.
     USE - In data processing system for marking and retrieving objects
from compound document.
     ADVANTAGE - Allows user to effectively and efficiently maintain
uniform object container with compound document by directing CPU to
expand object container as new objects are added to object container.
     DESCRIPTION OF DRAWING(S) - The figure shows sample compound
document enclosed within window having scroll bar and elevator.
     Multipage compound document (11)
     pp; 13 DwgNo 1/7
Title Terms: OBJECT; MARK; RETRIEVAL; METHOD; DATA; PROCESS; SYSTEM
Derwent Class: T01
International Patent Class (Main): G06F-015/163
File Segment: EPI

13/5/8   (Item 6 from file: 350)

012473943   **Image available**
WPI Acc No: 1999-280051/199927
XRPX Acc No: N99-210043
 Remotely controlling device over Internet
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: **AMRO H Y** ; **DODSON J P**
Number of Countries: 028 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 917052	A1	19990519	EP 98309279	A	19981112	199927	B
JP 11232203	A	19990827	JP 98296424	A	19981019	199945	

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CN 1226709     A   19990825  CN 98124000   A   19981111  199952
KR 99044849    A   19990625  KR 9842600    A   19981012  200036
```

Priority Applications (No Type Date): US 97971737 A 19971117
Patent Details:
Patent No Kind Lan Pg Main IPC   Filing Notes
EP 917052   A1 E 16 G06F-009/44
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
JP 11232203   A   12 G06F-013/00
CN 1226709   A   G06F-015/163
KR 99044849   A   G06F-009/00

Abstract (Basic): EP 917052 A1
        NOVELTY - Method consists in retrieving the current status of the
    device via the Internet, displaying it in a web browser, retrieving
    user information for programming the device and transmitting this to
    the device via the Internet to program it.
        USE - Method enables programming of e.g. a video recorder over the
    Internet.
        ADVANTAGE - Method eliminates the need for a human presence to
    carry out a task.
        pp; 16 DwgNo 5/9
Title Terms: REMOTE; CONTROL; DEVICE
Derwent Class: T01
International Patent Class (Main): G06F-009/00; G06F-009/44; G06F-013/00;
  G06F-015/163
International Patent Class (Additional): H04L-012/54; H04L-012/58
File Segment: EPI

   13/5/9   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012336239   **Image available**
WPI Acc No: 1999-142346/199912
XRPX Acc No: N99-103472
  **Specific type objects searching and retrieving method from compound
  document such as graphics objects, spread sheets**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y** ; DAO D L; **DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5867678   A   19990202 US 96771349   A   19961216 199912 B

Priority Applications (No Type Date): US 96771349 A 19961216
Patent Details:
Patent No Kind Lan Pg Main IPC   Filing Notes
US 5867678   A   13 G06F-003/14

Abstract (Basic): US 5867678 A
        NOVELTY - The relative location of a first object of selected
    object type is dynamically searched from among various sequential
    objects of selected object type contained within compound document,
    according to selection result. The first object of selected object type
    is automatically scrolled to relative location on compound document, in
    response to user controls based on particular color associated with
    first object.
        DETAILED DESCRIPTION - A dialog box (102) which is displayed in a
    GUI environment based on user input, includes listing of object type
    each one associated with particular color. One of the object types is
    selected from listing of object types. INDEPENDENT CLAIMS are included
    for the following:
        (a) data processing system;
        (b) computer program product.

USE - In data processing system e.g. computer system.
ADVANTAGE - Provides reliable and efficient technique for
retrieving specific type of objects.
DESCRIPTION OF DRAWING(S) - The figure shows GUI window and dialog
box.
Dialog box 102
pp; 13 DwgNo 5a/5
Title Terms: SPECIFIC; TYPE; OBJECT; SEARCH; RETRIEVAL; METHOD; COMPOUND;
DOCUMENT; GRAPHIC; OBJECT; SPREAD; SHEET
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

13/5/10   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011904953   **Image available**
WPI Acc No: 1998-321863/199828
XRPX Acc No: N98-251694
**Object location method for compound documents - involves scrolling
display container from first position on display in response to user
controls, and displaying outline of second portion of compound document
in display container**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y ; DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5757370	A	19980526	US 96703218	A	19960826	199828	B

Priority Applications (No Type Date): US 96703218 A 19960826
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5757370	A		8	G06F-003/00	

Abstract (Basic): US 5757370 A
    A method for directing a computer system to locate at least one
portion of a compound document involves creating an outline for each
portion of the compound document. A display container is displayed in a
first position on the display. The first position corresponds to a
first portion of the compound document.

    The display container is scrolled from the first position to at
least a second position on the display, in response to user controls.
The second position corresponds to a second portion of the compound
document. The outline of the second portion of the compound document is
displayed in the display container.
USE - For locating portions e.g. pages, in compound documents.

    ADVANTAGE - Speeds searches through compound documents. Makes GUI
more user friendly and efficient.
Dwg.3/5
Title Terms: OBJECT; LOCATE; METHOD; COMPOUND; DOCUMENT; SCROLL; DISPLAY;
CONTAINER; FIRST; POSITION; DISPLAY; RESPOND; USER; CONTROL; DISPLAY;
OUTLINE; SECOND; PORTION; COMPOUND; DOCUMENT; DISPLAY; CONTAINER
Derwent Class: T01
International Patent Class (Main): G06F-003/00
File Segment: EPI

13/5/11   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011904929   **Image available**

WPI Acc No: 1998-321839/199828
XRPX Acc No: N98-251670
 Keyboard cap extension assembly for data entry processing using computer keyboards - has main body having upper planar surface extending over keys adjacent to key fixed to main body
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y** ; DAO D L; **DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5757292	A	19980526	US 96748439	A	19961113	199828	B

Priority Applications (No Type Date): US 96748439 A 19961113
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5757292	A		10	H03M-011/00	

Abstract (Basic): US 5757292 A
     The assembly has main body (74) which is fixed to a particular key
among several keys in a keyboard for data processing operation. The
main body has an upper planar surface extending partially over the keys
adjoining to that particular key. The main body is attached to that
particular key so that the particular key is only activated, when
depressing the upper planar surface of the main body.
     USE - For running various application like game software.
     ADVANTAGE - Applies to different types of keyboards having
different sizes. Reduces burden of user remarkably. Facilitates quick
response. Facilitates efficient and effective operation with any
computer keyboard.
     Dwg.3/6
Title Terms: KEYBOARD; CAP; EXTEND; ASSEMBLE; DATA; ENTER; PROCESS;
  COMPUTER; KEYBOARD; MAIN; BODY; UPPER; PLANE; SURFACE; EXTEND; KEY;
  ADJACENT; KEY; FIX; MAIN; BODY
Derwent Class: T04; U21
International Patent Class (Main): H03M-011/00
File Segment: EPI

 13/5/12   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011897944   **Image available**
WPI Acc No: 1998-314854/199828
XRPX Acc No: N98-246873
 Interactively accessing program information on television - by generating at least one automatic search term regarding television program based on search request and searching on-line service based on that term
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: **AMRO H Y** ; DOBSON J P; **DODSON J P**
Number of Countries: 030 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 848554	A2	19980617	EP 97309853	A	19971208	199828	B
CA 2223809	A	19980611	CA 2223809	A	19971205	199839	
JP 10191195	A	19980721	JP 97321221	A	19971121	199839	
TW 339431	A	19980901	TW 97108861	A	19970625	199901	
CN 1197353	A	19981028	CN 97122289	A	19971110	199911	
KR 98063435	A	19981007	KR 9742103	A	19970828	199949	
US 6184877	B1	20010206	US 96764695	A	19961211	200109	

Priority Applications (No Type Date): US 96764695 A 19961211; US 96764693 A
  19961211; US 96764694 A 19961211
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 848554	A2	E	16	H04N-007/173	

     Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

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       LT LU LV MC MK NL PT RO SE SI
CA 2223809      A       H04N-007/173
JP 10191195     A     14 H04N-005/445
TW 339431       A       G06F-009/06
CN 1197353      A       H04N-007/10
KR 98063435     A       H04N-007/10
US 6184877      B1      H04N-005/445
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Abstract (Basic): EP 848554 A
        The method involves receiving a search request regarding a
    television program. At least one automatic search term regarding the
    television program is generated based upon the search request. An
    on-line service is searched based upon the automatic search term for
    the requested information. Changes are incorporated to the at least one
    automatic search term. The changes include adding or deleting a search
    term.
        The automatic search term is displayed on the television, overlaid
    onto a current program on the television. A list of at least one hit
    returned from the on-line search is displayed. The at least one hit is
    selectable to display text associated with it. The steps of the method
    are stopped when a cancel request is received.
        USE - For accessing television program information.
        ADVANTAGE - Provides information for all television channels
    centrally. Increases access speed of information.
        Dwg.2/9
Title Terms: INTERACT; ACCESS; PROGRAM; INFORMATION; TELEVISION; GENERATE;
    ONE; AUTOMATIC; SEARCH; TERM; TELEVISION; PROGRAM; BASED; SEARCH; REQUEST
    ; SEARCH; LINE; SERVICE; BASED; TERM
Index Terms/Additional Words: DIRECT; TO; HOME; MMDS; DTH
Derwent Class: W02; W03
International Patent Class (Main): G06F-009/06; H04N-005/445; H04N-007/10;
    H04N-007/173
International Patent Class (Additional): G06T-011/80; H04N-005/44;
    H04N-005/45; H04N-005/50; H04N-007/08
File Segment: EPI

 13/5/13   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011549535   **Image available**
WPI Acc No: 1997-526016/199748
XRPX Acc No: N97-438424
 **Method of effectively locating an object within a compound document using
 an elevator - involves scrolling elevator to at least a second position
 for displaying outline corresponding to second position of elevator in
 display container on display**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **AMRO H Y ; DODSON J P**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
US 5680561   A   19971021 US 96703217   A   19960826   199748 B

Priority Applications (No Type Date): US 96703217 A 19960826
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5680561   A   8 G06F-003/00

Abstract (Basic): US 5680561 A
        A method for locating an object in a compound document involves
    initially creating an outline for each portion of the compound document
    and then displaying on the display an elevator in a first position,
    where the first position of the elevator corresponds to a first portion
    of the compound document and then, in response to invoking a command by
    user controls, displaying on the display a display container where the

display container displays the outline of the first portion corresponding to the first position of the elevator.

In response to scrolling the elevator to at least a second position, the outline for a second portion of the compound document, corresponding to the second position of the elevator, is displayed in the display container on the display.

USE/ADVANTAGE - For directing a computer system, having at least a processor, display, user controls, and memory, to locate at least one portion, such as a page containing one more objects and text, within a compound document. Capable of enabling user to efficiently and effectively to locate specific pages within a compound document.
Dwg.3/5

Title Terms: METHOD; EFFECT; LOCATE; OBJECT; COMPOUND; DOCUMENT; ELEVATOR; SCROLL; ELEVATOR; SECOND; POSITION; DISPLAY; OUTLINE; CORRESPOND; SECOND; POSITION; ELEVATOR; DISPLAY; CONTAINER; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-003/00

Set   Items   Description
S1   7163   (DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR
                  ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2   5583444   RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR -
                  LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI-
                  ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA-
                  GNITUD? OR PROPORTION?
S3   3730503   COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO-
                  NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4   1584741   COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-
                  PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C-
                  ONSOLE? OR TERMINAL?
S5   11218   (COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HA-
                  ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK-
                  ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA-
                  L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6   7638623   S2 OR S3
S7   672   S6(5N)S1
S8   1584741   S4 OR S5
S9   245   S7 AND S8
S10   150   S9 AND (IC=G06F-015? OR IC=G06F-003?)
S11   83   S9 AND (IC=G06F-015/00 OR IC=G06F-003/14)
S12   23   S9 AND MC=T01-J12B

DIALOG(R)File 350:Derwent WPIX

013965953   **Image available**
WPI Acc No: 2001-450167/200148
XRPX Acc No: N01-333166
 **Signal measurement system for display and control of dialog boxes in
 graphical user interface, has dialog box control system which switches
 user dialog box not having preset relation with selected dialog box**
Patent Assignee: AGILENT TECHNOLOGIES INC (AGIL-N)
Inventor: ALEXANDER J A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6239796	B1	20010529	US 9894088	A	19980609	200148	B

Priority Applications (No Type Date): US 9894088 A 19980609
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6239796	B1		33	G06F-003/14	

Abstract (Basic): US 6239796 B1
      NOVELTY - A dialog box control system manages user interface
   display and interactivity of a selected dialog box among several dialog
   boxes to be opened on the user interface, corresponding to selected
   dialog launch modalities. For each of the dialog launch modalities, the
   dialog box control system opens and closes dialog boxes which are not
   having a preset relationship with selected dialog box.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (a) Graphical user interface display managing method;
      (b) Dialog boxes managing method;
      (c) Dialog box control system
      USE - For display and control of dialog boxes in graphical user
   interface of **computer** system.
      ADVANTAGE - Since the dialog box control system closes and opens
   dialog boxes which are not having preset relationship with selected
   dialog box, a high display clarity is achieved for the selected dialog
   box modalities. As the control system controls user interactivity with
   the user interface beyond an active **dialog   box** , an **extent** of
   system interactivity associated with selected dialog box is achieved.
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of
   process performed by the single measurement system upon receipt of an
   activation request.
      pp; 33 DwgNo 9A/12
Title Terms: SIGNAL; MEASURE; SYSTEM; DISPLAY; CONTROL; BOX; GRAPHICAL;
   USER; INTERFACE; BOX; CONTROL; SYSTEM; SWITCH; USER; BOX; PRESET; RELATED
   ; SELECT; BOX
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

013945081   **Image available**
WPI Acc No: 2001-429294/200146
XRPX Acc No: N01-318737
 **Information processing procedure for information processing system
 operating X-Window application involves displaying** compressed   data **in
   window of display device corresponding to host by Java applet**
Patent Assignee: CHIKYU KAGAKU SOGO KENKYUSHO KK (CHIK-N); MERCURY INT
 TECHNOLOGY INC (MERC-N)
Number of Countries: 001 Number of Patents: 001

Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001147895 A   20010529 JP 99330887   A   19991122 200146 B

Priority Applications (No Type Date): JP 99330887 A 19991122
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001147895 A   18 G06F-015/00

Abstract (Basic): JP 2001147895 A
      NOVELTY - A process section (2d) performs process corresponding to
a command transmitted to JAX server (2a). The process result is written
in a virtual screen (2e). A compression zone (2f) compresses the data
of the virtual screen. A transmission section (2g) sends the compressed
data to a **terminal** (3). A Java applet (3a) displays the data in the
window of a display device (4) corresponding to a host (1).
      DETAILED DESCRIPTION - The X-Window application (1a) of the host
transmits the command to JAX server corresponding to the execution
result of a program. A command process section (2b) interprets the
command. The **terminal** transmits a program name and a user name to JAX
server. The execution of the program is indicated to the host.
INDEPENDENT CLAIMS are also included for the following:
      (a) a information processing system operating X-Window application;

      (b) and a recording medium for storing information processing
program.
      USE - For information processing system operating X-Window
application.
      ADVANTAGE - Improves security as X-Window application is performed
from the **terminal** to the remote host via JAX server. Enables JAX
server to reduce amount of data transmission between **terminal** and
host.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the information processing system which applies the information
processing procedure. (Drawing includes non-English language text).
      Host (1)
      X-Window application (1a)
      JAX server (2a)
      Process section (2b)
      Process section (2d)
      Virtual screen (2e)
      Compression zone (2f)
      Transmission section (2g)
      Terminal (3)
      Java applet (3a)
      Display device (4)
      pp; 18 DwgNo 1/22
Title Terms: INFORMATION; PROCESS; PROCEDURE; INFORMATION; PROCESS; SYSTEM;
  OPERATE; WINDOW; APPLY; DISPLAY; COMPRESS; DATA; WINDOW; DISPLAY; DEVICE;
  CORRESPOND; HOST
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

 12/5/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

013513878   **Image available**
WPI Acc No: 2000-685824/200067
XRPX Acc No: N00-506953
 **Status indicating method for docked application, application tool bars in
 personal computer, involves changing mode of application bar to visible
 mode if tolerances for status of hidden application bar are exceeded**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: HALL G E; MOLANDER M E; SHIELDS I B

Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6108003   A   20000822 US 9840732   A   19980318 200067 B

Priority Applications (No Type Date): US 9840732 A 19980318
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6108003   A   50 G06F-003/00

Abstract (Basic): US 6108003 A
        NOVELTY - The method involves setting a profile for hidden
    application bar of an application displayed in windows of a
    presentation space. The profile comprises one or more tolerances for
    status of application bar, when it is in hidden mode. The application
    bar changes from hidden mode to fully visible mode, if the tolerances
    provided for status is exceeded.
        USE - For docked applications and application tool bars in personal
    computer .
        ADVANTAGE - Ensures prompt notification of change in status of
    application bar to user. Prevents user from inhibiting access to
    important status information. **Minimizes**   screen space when
  information is conveyed in **window** system.
        DESCRIPTION OF DRAWING(S) - The figure shows movement of
    application bar to edge in builders when user attempts to position
    application bar off the screen.
        pp; 50 DwgNo 4a/6
Title Terms: STATUS; INDICATE; METHOD; DOCK; APPLY; APPLY; TOOL; BAR;
  PERSON; **COMPUTER** ; CHANGE; MODE; APPLY; BAR; VISIBLE; MODE; TOLERANCE;
  STATUS; HIDE; APPLY; BAR
Derwent Class: T01
International Patent Class (Main): G06F-003/00
File Segment: EPI

   12/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

012431179   **Image available**
WPI Acc No: 1999-237287/199920
XRPX Acc No: N99-176559
 **Multi window display controller for displaying windows on display screen
 - has window rearrangement unit that relocates front window to
 predetermined circumference section of back window so that back window
 may be exposed from edge section of front window**
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 11065808   A   19990309 JP 97227679   A   19970825 199920 B

Priority Applications (No Type Date): JP 97227679 A 19970825
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 11065808   A   13 G06F-003/14

Abstract (Basic): JP 11065808 A
        NOVELTY - A window rearrangement unit (26) relocates a front window
    to the predetermined circumference section of a back window so that the
    back window may be exposed from the edge section of the front window.
    An invisible condition detecting unit (24) detects whether the back
    window is entirely covered by the front window.
        USE - For displaying windows on a display screen. For user
    interface. For multi window system **computer** .
        ADVANTAGE - Enables a user to differentiate a back window based on
    the spatial arrangement **information** on a **window** . Obtains a superior

user interface. **Reduces** the burden of a user since the window is
automatically changed into a visible condition. Suppresses variation of
the window arrangement image on a display to the minimum extent.
Improves working efficiency since work content can be remembered.
Improves operating efficiency. DESCRIPTION OF DRAWING(S) - The figure
shows the block diagram of the multi window system **computer** . (24)
Invisible condition detecting unit; (26) Window rearrangement unit.
     Dwg.1/13
Title Terms: MULTI; WINDOW; DISPLAY; CONTROL; DISPLAY; WINDOW; DISPLAY;
  SCREEN; WINDOW; REARRANGE; UNIT; RELOCATION; FRONT; WINDOW; PREDETERMINED
  ; CIRCUMFERENCE; SECTION; BACK; WINDOW; SO; BACK; WINDOW; EXPOSE; EDGE;
  SECTION; FRONT; WINDOW
Derwent Class: P85; T01
International Patent Class (Main): G06F-003/14
International Patent Class (Additional): G09G-005/14; G09G-005/38
File Segment: EPI; EngPI

 12/5/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

012001477   **Image available**
WPI Acc No: 1998-418387/199836
XRPX Acc No: N98-326117
 Display window range controller used in OA apparatus, PC - **has mask
 pattern generation process skipped when detected value of display** data
 range is within window   limit
Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10171432   A   19980626 JP 96326369   A   19961206 199836 B

Priority Applications (No Type Date): JP 96326369 A 19961206
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10171432   A   11 G09G-005/14

Abstract (Basic): JP 10171432 A
     The controller has a window coordinate memory (1) in which the
coordinates of the window area for limiting the display range is
stored. The address of the updated display data is generated from an
address generator.
     Based on the window coordinates and the address, the mask pattern
for displaying the **data** within the specified **window   limit** is
generated from a mask pattern generator (3). A mask data detector
detects the output of the mask pattern generator. When the display data
range is within the window range, the mask pattern generation process
is skipped and the display data is directly is stored the display data
is directly stored in the memory.
     ADVANTAGE - Improves speed of image data patterning process.
Enables quick data display in window mode.
     Dwg.1/6
Title Terms: DISPLAY; WINDOW; RANGE; CONTROL; OA; APPARATUS; MASK; PATTERN;
  GENERATE; PROCESS; SKIP; DETECT; VALUE; DISPLAY; DATA; RANGE; WINDOW;
  LIMIT
Derwent Class: P85; T01
International Patent Class (Main): G09G-005/14
File Segment: EPI; EngPI

 12/5/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

011839858   **Image available**

WPI Acc No: 1998-256768/199823
XRPX Acc No: N98-203064
 Window system for computer **system - varies size of window display**
 contents proportional to window modification, by altering size of
 vector data when size of window is altered
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10083271   A   19980331 JP 96237700   A   19960909 199823 B

Priority Applications (No Type Date): JP 96237700 A 19960909
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10083271 / A   10 G06F-003/14

Abstract (Basic): JP 10083271 A
        The system (1) uses vector data in managing the contents of a
    window display containing the title display portion and the menu
    display portion of a window.
        When altering the size of the window, the size of the contents of
    the window display is varied proportionally with respect to the window
    modification by altering the size of the vector data.
        ADVANTAGE - Maintains contents of currently-displayed window even
    if size of window is altered. Enables hiding window behind front face
    of window screen display through simple operation. Prevents overlapping
    of various displayed windows when front face of screen enlarges the
    display of various windows.
        Dwg.1/10
Title Terms: WINDOW; SYSTEM; **COMPUTER** ; SYSTEM; VARY; SIZE; WINDOW;
   DISPLAY; CONTENT; PROPORTION; WINDOW; MODIFIED; ALTER; SIZE; VECTOR; DATA
   ; SIZE; WINDOW; ALTER
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

 12/5/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011750987   **Image available**
WPI Acc No: 1998-167897/199815
XRPX Acc No: N98-133322
 Locating method of window frames or program icons for window interface -
 using computer **mouse to locate** window **frame or program** icon **for**
 further processing via two- dimensional **control buttons of mouse**
Patent Assignee: PRIMAX ELECTRONICS LTD (PRIM-N)
Inventor: HER H; LIOU W; WU J; YANG M
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
TW 323355   A   19971221 TW 97101226   A   19970203 199815 B

Priority Applications (No Type Date): TW 97101226 A 19970203
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
TW 323355   A   41 G06F-003/00

Abstract (Basic): TW 323355 A
        A locating method is that a pointing device is used to select and
    locate a window frame as the located window frame from multiple window
    frames contained in a window interface. The window interface can only
    have one window frame selected as the located window frame, and the
    interface is displayed on a monitor screen. A window frame that is
    located in the window interface is displayed in a particular way on the
    monitor screen, while the rest of window frames on the screen are

displayed in a normal way. The point device includes a 2-dimensional
control buttons for generating a 2-D index signal, and a cursor control
mechanism for generating the cursor control signal to control the
movement of cursor shown on the monitor screen. The point device is
electrically connected to a **computer** that is electrically connected
to the monitor. The **computer** contains a Windows software that
includes a window frame control module for locating the window frame
inside the window interface in accordance with the pointing signal, and
a cursor control module for controlling the cursor movement of the
cursor in accordance with the cursor control signal.

The method includes the following procedures a. Provide a position
file of window frames that includes the represented position of every
window frame inside window interface; b. Follow a designated direction
to drive the window frame control button for generating a pointing
signal; c. Use the control module of window frame to receive the
pointing signal; d. Starting from the position of the located window
frame, follow approximately the designated direction of the pointing
signal and detect the position of another window frame contained in the
position file of window frames; and e. Locate the detected window frame
and show it on the monitor screen with the aforesaid particular method.

USE - For window frames used in **computer** window interface.

Dwg.12/12

Title Terms: LOCATE; METHOD; WINDOW; FRAME; PROGRAM; WINDOW; INTERFACE;
 COMPUTER ; MOUSE; LOCATE; WINDOW; FRAME; PROGRAM; PROCESS;
 TWO-DIMENSIONAL; CONTROL; BUTTON; MOUSE
Derwent Class: T01
International Patent Class (Main): G06F-003/00
File Segment: EPI

12/5/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011748153   **Image available**
WPI Acc No: 1998-165063/199815
XRPX Acc No: N98-131546
Information processor e.g. PC, workstation **with overlap type
multiwindow system - in which** expanded **bit map** data **of displaying**
 window **operation is written in address of frame memory after performing
OR operation**
Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10031573   A   19980203 JP 96186129   A   19960716 199815 B

Priority Applications (No Type Date): JP 96186129 A 19960716
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10031573 A   6 G06F-003/14

Abstract (Basic): JP 10031573 A
The information processor includes a CPU (14) which receives user
information input from a keyboard (11) of a mouse (12). The address of
window overlapping part of all the windows currently displayed in the
display device is obtained from the windows display position.

From the obtained address, the bit map data of the display
information, is expanded and the address are written-in/read-out from a
main memory (15). After performing OR operation, the expanded bit map
data is written in the address of a frame memory (16).

ADVANTAGE - Enables to refer contents of several overlapping
windows, simultaneously. Improves operativity of user during selection
indication of window.

Dwg.1/4

Title Terms: INFORMATION; PROCESSOR; OVERLAP; TYPE; SYSTEM; EXPAND; BIT;
 MAP; DATA; DISPLAY; WINDOW; OPERATE; WRITING; ADDRESS; FRAME; MEMORY;

AFTER; PERFORMANCE; OPERATE
Derwent Class: P85; T01; T04
International Patent Class (Main): G06F-003/14
International Patent Class (Additional): G09G-005/14; G09G-005/36
File Segment: EPI; EngPI

 12/5/9   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011674883   **Image available**
WPI Acc No: 1998-091792/199809
XRPX Acc No: N98-073025
 Window display method for multi-window computer **system - involves
 display of** window **according to stored** data **relating to** size **and
 position of minimum frame. during execution termination of first program
 and execution start of second program**
Patent Assignee: KEYENCE CO LTD (KEYE-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9319548	A	19971212	JP 96139045	A	19960531	199809	B

Priority Applications (No Type Date): JP 96139045 A 19960531
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9319548	A		10	G06F-003/14	

Abstract (Basic): JP 9319548 A
      The method involves storing the data containing the size and the
   position of the minimum frame, for each display state. The window is
   displayed according to the stored data, during the execution
   termination of first program and the execution start of the second
   program.
      ADVANTAGE - Performs systematic implementation of program.
   Execution of program can be started immediately. Eliminates need for
   modification of size and position of window, every switching of
   program.
      Dwg.4/11
Title Terms: WINDOW; DISPLAY; METHOD; MULTI; WINDOW; **COMPUTER** ; SYSTEM;
   DISPLAY; WINDOW; ACCORD; STORAGE; DATA; RELATED; SIZE; POSITION; MINIMUM;
   FRAME; EXECUTE; TERMINATE; FIRST; PROGRAM; EXECUTE; START; SECOND;
   PROGRAM
Derwent Class: T01; T06
International Patent Class (Main): G06F-003/14
International Patent Class (Additional): G05B-023/02
File Segment: EPI

 12/5/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011498821   **Image available**
WPI Acc No: 1997-476734/199744
XRPX Acc No: N97-397518
 Data processor e.g. personal computer, **word processor, electronic**
   notebook - **has frame selector which selects window frame nearest first
 figure which is formed on display screen due to movement of movement
 input unit**
Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9222955	A	19970826	JP 9629647	A	19960216	199744	B

Priority Applications (No Type Date): JP 9629647 A 19960216
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9222955   A   13 G06F-003/033

Abstract (Basic): JP 9222955 A
        The processor has a display portion (11) that exhibits a **window**
    for displaying **data** within the **limits** of a display screen. A
    movement is input on the display screen using a movement input unit
    (7,13).
        A first figure formed on the display screen due to the input
    movement is detected by a first detector (1). A frame selector selects
    the window frame nearest the first figure.
        ADVANTAGE - Selects arbitrary edges of window frame using frame
    selector. Reduces obstruction in viewing display screen caused by main
    body of pen. Uses window selection switching unit which switches to
    other window frame besides selected window frame.
        Dwg.1/12
Title Terms: DATA; PROCESSOR; PERSON; **COMPUTER** ; WORD; PROCESSOR;
   ELECTRONIC; FRAME; SELECT; SELECT; WINDOW; FRAME; NEARBY; FIRST; FIGURE;
   FORMING; DISPLAY; SCREEN; MOVEMENT; MOVEMENT; INPUT; UNIT
Derwent Class: T01
International Patent Class (Main): G06F-003/033
International Patent Class (Additional): G06F-003/14
File Segment: EPI

12/5/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011495469   **Image available**
WPI Acc No: 1997-473382/199744
XRPX Acc No: N97-394678
  **Graphical user interface method for automatically resizing window in
  response to changes in focus - automatically resizes all windows not
  having focus, and allows user to selectively re-** size **active** windows
  without using icons
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: AMRO H Y
Number of Countries: 005 Number of Patents: 004
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 798627   A1   19971001   EP 97301510   A   19970306   199744 B
JP 10011259   A   19980116   JP 9768823   A   19970321   199813
US 5872567   A   19990216   US 96626751   A   19960329   199914
US 5990889   A   19991123   US 96626751   A   19960329   200002
                                 US 98169227   A   19981009

Priority Applications (No Type Date): US 96626751 A 19960329; US 98169227 A
   19981009
Cited Patents: Jnl.Ref
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 798627   A1 E   9 G06F-003/033
   Designated States (Regional): DE FR GB
US 5990889   A   G06F-015/00   Cont of application US 96626751
                                      Cont of patent US 5872567
JP 10011259   A   8 G06F-003/14
US 5872567   A   G06F-015/00

Abstract (Basic): EP 798627 A
        The method for directing a **computer** system to automatically
    resize a first **information** **window** displayed on the **computer**
 · display involves automatically calculating a zoomed out size for the
    first window in response to detecting a transfer from a first window to
    a second window.

The zoomed out size is used for automatically displaying on the
computer display the first window and the information within it.
USE/ADVANTAGE - Automatically resizing open window in response to
loss or gain in focus. Allows user to view multiple windows on screen
by automatically zooming out all windows not having focus. User can
selectively toggle window between zoomed out state and default state.
Dwg.3/3
Title Terms: GRAPHICAL; USER; INTERFACE; METHOD; AUTOMATIC; WINDOW; RESPOND
; CHANGE; FOCUS; AUTOMATIC; WINDOW; FOCUS; ALLOW; USER; SELECT; SIZE;
ACTIVE; WINDOW
Derwent Class: T01
International Patent Class (Main): G06F-003/033; G06F-003/14; G06F-015/00
File Segment: EPI

12/5/12   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

011444031   **Image available**
WPI Acc No: 1997-421938/199739
XRPX Acc No: N97-351430
Multiwindow system for computer **- includes display controller that
terminates display of each non utilised window screen when each window
screen is distinguished as not utilised within previously appointed time**
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 9190329   A   19970722 JP 961295   A   19960109 199739 B

Priority Applications (No Type Date): JP 961295 A 19960109
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9190329   A   7

Abstract (Basic): JP 9190329 A
The system includes a distinction unit that distinguishes whether
each window screen is not utilised within a previously appointed time.
When an acknowledging evaluation is obtained, a display controller
automatically terminates the display of each non-utilised window
screen.
ADVANTAGE - Easily exchanges window screen and searches of desired
window screen. Improves user operation by variably providing automatic
termination time of window screen. Enables simple re-displaying of
window screen by doing **icon** deformation of finalised **window**
screen. **Reduces** number of window screens thus improving searching of
desired window screen.
Dwg.1/8
Title Terms: SYSTEM; **COMPUTER** ; DISPLAY; CONTROL; TERMINATE; DISPLAY; NON;
UTILISE; WINDOW; SCREEN; WINDOW; SCREEN; DISTINGUISH; UTILISE; TIME
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

12/5/13   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010992903   **Image available**
WPI Acc No: 1996-489852/199649
XRPX Acc No: N96-412784
Alignment display control method of multi-window display system of
computer **- involves specifying attribute of selected window and
displaying it in line**
Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 8249148   A   19960927 JP 9553951   A   19950314 199649 B

Priority Applications (No Type Date): JP 9553951 A 19950314
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
JP 8249148   A   6 G06F-003/14

Abstract (Basic): JP 8249148 A
      The method involves mixing and displaying a number of window having
   different attributes on a display screen. When at least a single
   attribute is specified, the corresponding window is selected.
      The selected window is aligned and displayed in line (47,61). The
   unspecified **windows** are **reduced** as **icons** (71, 72).
      ADVANTAGE - Enables alignment of windows. Improves legibility of
   display. Increases uses operativity.
      Dwg.7/7
Title Terms: ALIGN; DISPLAY; CONTROL; METHOD; MULTI; WINDOW; DISPLAY;
   SYSTEM; **COMPUTER** ; SPECIFIED; ATTRIBUTE; SELECT; WINDOW; DISPLAY; LINE
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

   12/5/14   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010851601   **Image available**
WPI Acc No: 1996-348554/199635
XRPX Acc No: N96-293842
 Electronic-conferencing terminal **equipment using multi-window system -
 has moving-image display program counter which** enlarges **sound volume of
 audio** data **emitted by** expansion   window **according to its** expansion
 ratio
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 8163527   A   19960621 JP 94306116   A   19941209 199635 B

Priority Applications (No Type Date): JP 94306116 A 19941209
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
JP 8163527   A   6 H04N-007/15

Abstract (Basic): JP 8163527 A
      The equipment has a moving-image display program (5) displayed on a
   computer system (1) on a window transmitted from another **terminal**
   equipment and a communication circuit (16). A multi-window operating
   system (2) calculates the expansion ratio according to the indication
   input by a mouse (3).
      The expansion ratio is executed by a display driver (11) that
   expands the window and a sound device driver (6) which enlarges the
   sound volume of the audio data to a speaker (9).
      ADVANTAGE - Enables variation of sound volume emitted by window
   according to its size.
      Dwg.1/4
Title Terms: ELECTRONIC; **TERMINAL** ; EQUIPMENT; MULTI; WINDOW; SYSTEM; MOVE
   ; IMAGE; DISPLAY; PROGRAM; COUNTER; ENLARGE; SOUND; VOLUME; AUDIO; DATA;
   EMIT; EXPAND; WINDOW; ACCORD; EXPAND; RATIO
Derwent Class: T01; W02; W04
International Patent Class (Main): H04N-007/15
International Patent Class (Additional): G06F-003/14; G06F-003/16
File Segment: EPI

12/5/15   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010623707   **Image available**
WPI Acc No: 1996-120660/199613
XRPX Acc No: N96-101103
 **Multi-window management device - has window management unit which erases
 window having fewest use times and** reduces **it to** icon **when number of
 windows on screen exceeds threshold value**
Patent Assignee: PFU KK (USAE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 8016351   A   19960119 JP 94149973   A   19940630 199613 B

Priority Applications (No Type Date): JP 94149973 A 19940630
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 8016351 · A   10 G06F-003/14

Abstract (Basic): JP 8016351 A
      The multi-window management device displays the different windows
   on a screen (1) of a **computer** system (3). Each time, a particular
   window is referred to, and the number of use times of the window is
   incremented. When number of windows on the screen exceeds a threshold
   value, a multi-window management unit (5) erases a window which has the
   fewest number of use times and reduces it to an icon (2).
      ADVANTAGE - Executes target window quickly. Improves production
   efficiency.
      Dwg.1/5
Title Terms: MULTI; WINDOW; MANAGEMENT; DEVICE; WINDOW; MANAGEMENT; UNIT;
   ERASE; WINDOW; TIME; REDUCE; NUMBER; WINDOW; SCREEN; THRESHOLD; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

12/5/16   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010620273   **Image available**
WPI Acc No: 1996-117226/199612
XRPX Acc No: N96-097965
 **Method for multiplexing video information - involves holding pixels in
 groups with associated data on what they obscure or are obscured by and
 building video memory image from unobscured pixels**
Patent Assignee: INGERSOLL RAND CO (INGE)
Inventor: BRADLEY E K
Number of Countries: 019 Number of Patents: 005
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 9603738   A1   19960208 WO 95US9996   A   19950725 199612 B
US 5561755   A   19961001 US 94280697   A   19940726 199645
EP 772865   A1   19970514 EP 95928772   A   19950725 199724
                             WO 95US9996   A   19950725
JP 10503855   W   19980407 WO 95US9996   A   19950725 199824
                             JP 96506005   A   19950725
JP 3023702   B2   20000321 WO 95US9996   A   19950725 200019
                             JP 96506005   A   19950725

Priority Applications (No Type Date): US 94280697 A 19940726
Cited Patents: US 5321807; WO 9411808
Patent Details:

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Patent No   Kind Lan Pg   Main IPC     Filing Notes
WO 9603738       A1 E   27 G09G-005/14
    Designated States (National): CA JP
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
    PT SE
JP 3023702       B2     14 G09G-005/14    Previous Publ. patent JP 10503855
                                          Based on patent WO 9603738
US 5561755       A      14 G06F-003/14
EP 772865        A1 E      G09G-005/14    Based on patent WO 9603738
    Designated States (Regional): DE FR GB IT
JP 10503855      W      23 G09G-005/14    Based on patent WO 9603738
```

Abstract (Basic): WO 9603738 A
        The intelligent **terminal** connected to a host system has a method
    of displaying windows involving tables of obscured and unobscured
    pixels. The host (12) sends data to the remote CPU (10) that relates to
    different windows. The **computer** stores the data in RAM (14) and
    processes it to generate the video memory (20) for use by the display
    (24).
        The data is held in groups of pixels, the group size defining
    window placement **limits** . Each group has **data** on what **windows** it
    obscures or is obscured by. The processor determines from this the data
    to be placed in the video memory.
        USE/ADVANTAGE - Remote intelligent **terminals** . Economic means of
    handling windows on simple **terminals** and allowing rapid presentation
    of underlying windows.
        Dwg.1/6
Title Terms: METHOD; MULTIPLEX; VIDEO; INFORMATION; HOLD; PIXEL; GROUP;
    ASSOCIATE; DATA; OBSCURE; OBSCURE; BUILD; VIDEO; MEMORY; IMAGE;
    UNOBSCURED; PIXEL
Derwent Class: P85; T01
International Patent Class (Main): G06F-003/14; G09G-005/14
File Segment: EPI; EngPI

  12/5/17   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

010565828   **Image available**
WPI Acc No: 1996-062781/199607
XRPX Acc No: N96-052577
 **Cooperation control method between window device and camera - inputting
 window operating instruction to** computer, **then sending position and
  size data to display unit with** information **conversion part relocating**
  window **using camera instruction. NoAbstract.**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

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Patent No      Kind   Date     Applicat No   Kind   Date      Week
JP 7320031     A      19951208 JP 94113144   A      19940526  199607  B
```

Priority Applications (No Type Date): JP 94113144 A 19940526
Patent Details:
```
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 7320031     A      23 G06T-001/00
```
Title Terms: COOPERATE; CONTROL; METHOD; WINDOW; DEVICE; CAMERA; INPUT;
    WINDOW; OPERATE; INSTRUCTION; **COMPUTER** ; SEND; POSITION; SIZE; DATA;
    DISPLAY; UNIT; INFORMATION; CONVERT; PART; RELOCATION; WINDOW; CAMERA;
    INSTRUCTION; NOABSTRACT
Index Terms/Additional Words: WORKSTATION; MULTI-WINDOW; SYSTEM
Derwent Class: T01; W04
International Patent Class (Main): G06T-001/00
International Patent Class (Additional): G06F-003/14; H04N-005/232
File Segment: EPI

010523766   **Image available**
WPI Acc No: 1996-020719/199602
XRPX Acc No: N96-017198
 Menu management method for graphical, event driven computer system -
 involves representing menus as windows with menu layer holding menus and
 detecting events occurring with respect to menu layer to vary menu
 display
Patent Assignee: APPLE COMPUTER INC (APPY)
Inventor: CLIFFORD D K; CRAYCROFT T J
Number of Countries: 064 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9532469	A2	19951130	WO 95US6021	A	19950515	199602	B
AU 9525144	A	19951218	AU 9525144	A	19950515	199611	
WO 9532469	A3	19951214	WO 95US6021	A	19950515	199622	
US 5627960	A	19970506	US 94242674	A	19940513	199724	
			US 96610518	A	19960304		

Priority Applications (No Type Date): US 94242674 A 19940513; US 96610518 A
   19960304
Cited Patents: No-SR.Pub; US 4931783
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9532469	A2	E	23	G06F-009/44	

   Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
   ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ
   PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
   MW NL OA PT SD SE SZ UG

AU 9525144	A			G06F-009/44	Based on patent WO 9532469
US 5627960	A		12	G06F-003/14	Cont of application US 94242674
WO 9532469	A3			G06F-009/44	

Abstract (Basic): WO 9532469 A
      The method includes transforming all menus into windows and
   grouping them into a single menu layer for each application. Each
   application has its own menu layer that is shown and hidden as the
   application moves to the foreground and background, tear-off menus
   being hidden and shown with the menu layer generating a desirable
   ''floating-window'' behaviour.
      Menus are managed in a graphical event-driven **computer** system
   having a **computer** display, by representing the menu layer as windows,
   providing a menu layer for containing menus of a **computer** programme.
   Events occurring with respect to the menu layer are detected, in
   response to which the display of the menu is varied.
      ADVANTAGE - Provides mechanism that explicitly supports tear-off
   menus in efficient way. Requires minimum of application involvement.
      Dwg.2/7
Title Terms: MENU; MANAGEMENT; METHOD; GRAPHICAL; EVENT; DRIVE; **COMPUTER** ;
   SYSTEM; REPRESENT; MENU; WINDOW; MENU; LAYER; HOLD; MENU; DETECT; EVENT;
   OCCUR; RESPECT; MENU; LAYER; VARY; MENU; DISPLAY
Derwent Class: T01
International Patent Class (Main): G06F-003/14; G06F-009/44
File Segment: EPI

010514162   **Image available**
WPI Acc No: 1996-011113/199601
XRPX Acc No: N96-009528

Method for custom interactive user-interface element in frame of window of application program - using window manager to draw on computer **display frame of window which includes icon for visually representing custom interactive user-interface element**
Patent Assignee: APPLE COMPUTER INC (APPY)
Inventor: CRAYCROFT T J; ULRICH R R
Number of Countries: 064   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9531771	A1	19951123	WO 95US6114	A	19950515	199601	B
AU 9525161	A	19951205	AU 9525161	A	19950515	199620	
US 5692142	A	19971125	US 94242450	A	19940513	199802	
			US 96593171	A	19960201		
US 5838315	A	19981117	US 96593171	A	19960201	199902	N
			US 97977059	A	19971124		

Priority Applications (No Type Date): US 94242450 A 19940513; US 96593171 A
   19960201; US 97977059 A 19971124
Cited Patents: 1.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9531771	A1	E	12	G06F-009/44	

   Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
   ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ
   PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
   MW NL OA PT SD SE SZ UG

AU 9525161	A			G06F-009/44	Based on patent WO 9531771
US 5692142	A		5	G06F-003/14	Cont of application US 94242450
US 5838315	A			G06F-003/14	Cont of application US 96593171
					Cont of patent US 5692142

Abstract (Basic): WO 9531771 A
       The method involves storing information referring to an icon,
   stored as part of an application program and used to visually represent
   a custom interactive user-interface element. The icon information is
   stored in a location accessible to a window manager. The window manager
   draws on the **computer** display a frame of the window including
   drawing, at a **size** and location determined by the **window** manager,
   the **icon** used to visually represent the custom interactive
   user-interface element.
       A custom interactive user-interface element is provided in a title
   bar of a window of an application program in a graphic, event-driven
   computer system with a **computer** display. The custom interactive
   user-interface element is provided by storing information referring to
   an icon stored as part of the application program and used to visually
   represent the custom interactive user-interface element, in a location
   accessible to a window manager.
       USE/ADVANTAGE - For graphic, event driven **computer** system. Allows
   explicit support of custom gadgets in efficient way, requiring minimum
   application involvement, i.e. method is application-transparent.
       Dwg.3/4
Title Terms: METHOD; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT; FRAME;
   WINDOW; APPLY; PROGRAM; WINDOW; MANAGE; DRAW; **COMPUTER** ; DISPLAY; FRAME;
   WINDOW; VISUAL; REPRESENT; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT
Derwent Class: T01
International Patent Class (Main): G06F-003/14; G06F-009/44
File Segment: EPI

010188278   **Image available**
WPI Acc No: 1995-089532/199512
XRPX Acc No: N95-070802

Method for displaying window border frame in computer display system -
involves generating and inputting realistic pictorial frame elements,
sizing elements according to desired size of window , and generating
location information for each element based on desired window size
Patent Assignee: VIACOM INT INC (VIAC-N)
Inventor: FELDMAN D S; MANNING M J; SQUIRES T M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5388202	A	19950207	US 90474357	A	19900202	199512	B
			US 93103834	A	19930809		

Priority Applications (No Type Date): US 90474357 A 19900202; US 93103834 A
   19930809
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5388202	A		14	G06F-015/62	Cont of application US 90474357

Abstract (Basic): US 5388202 A
        The method involves creating, using a **computer** program for
    developing customised drawings under a control of a user, the pictorial
    frame elements having an arbitrary pictorial design. The pictorial
    frame elements are stored in a **computer** memory, and the size and
    location of a window border frame of an existing window in the
    windowing environment is determined.
        The method further involves retrieving the stored pictorial frame
    elements from the **computer** memory, modifying the pictorial frame
    elements such that the elements are sized to fit within the window
    border frame, and displaying the window with the pictorial frame
    elements assembled in the window border frame. The created pictorial
    frame elements represent 3-D objects.
        USE/ADVANTAGE - For displaying window border frame, comprising
    custom designed pictorial frame elements, for window on display screen
    in windowing environment. Generates realistic, simulated 3-D window
    borders with appearance of real framing material such as wood ro stone.
        Dwg.3a/6
Title Terms: METHOD; DISPLAY; WINDOW; BORDER; FRAME; **COMPUTER** ; DISPLAY;
   SYSTEM; GENERATE; INPUT; REALISTIC; PICTURE; FRAME; ELEMENT; SIZE;
   ELEMENT; ACCORD; SIZE; WINDOW; GENERATE; LOCATE; INFORMATION; ELEMENT;
   BASED; WINDOW; SIZE
Derwent Class: T01
International Patent Class (Main): G06F-015/62
File Segment: EPI

 12/5/21   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009425785   **Image available**
WPI Acc No: 1993-119301/199315
XRPX Acc No: N93-091020
   **Incrementally changing window size on display - using cursor to continual
   select appropriate** sizing   icon **from** window **title bar until reaching
   desired** size
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: KERR L L; TORRES R J
Number of Countries: 005 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 537097	A1	19930414	EP 92480088	A	19920622	199315	B
US 5227771	A	19930713	US 91727731	A	19910710	199329	
EP 537097	B1	19980826	EP 92480088	A	19920622	199838	
DE 69226744	E	19981001	DE 626744	A	19920622	199845	
			EP 92480088	A	19920622		

Priority Applications (No Type Date): US 91727731 A 19910710
Cited Patents: 1.Jnl.Ref; EP 327781

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 537097   A1 E 19 G06F-003/033
   Designated States (Regional): DE FR GB IT
US 5227771   A   19 G09G-001/06
EP 537097   B1 E   G06F-003/033
   Designated States (Regional): DE FR GB IT
DE 69226744 E   G06F-003/033 Based on patent EP 537097

Abstract (Basic): EP 537097 A
     The method to re-size the window includes the user selecting the
   appropriate icon with the cursor. The window will change its border
   size according to a predetermined incremental value. The data displayed
   inside of the newly sized window is determined and then displayed. By
   continuously selecting one of the **sizing icons** , the **window** will
   be continuously **sized** in an incremental manner until the user
   terminates the selection or until the maximum or minimum window limits
   are reached. During re-sizing one border corner is fixed in position on
   the interface while the opposite border corner is moved.
     USE/ADVANTAGE - For **computer** window display systems. Improved
   user friendliness. Allows more user control.
     ˙Dwg.10/12
Title Terms: INCREMENT; CHANGE; WINDOW; SIZE; DISPLAY; CURSOR; CONTINUE;
  SELECT; APPROPRIATE; SIZE; WINDOW; TITLE; BAR; REACH; SIZE
Derwent Class: P85; T01
International Patent Class (Main): G06F-003/033; G09G-001/06
File Segment: EPI; EngPI

12/5/22   (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

009383243   **Image available**
WPI Acc No: 1993-076721/199309
XRPX Acc No: N93-058928
 Data entry and error embedding system for computer **system - uses
 digital image scanning and digital graphics to achieve juxtaposition
 w.r.t. data entry and proof-reading**
Patent Assignee: GAMMA RES INC (GAMM-N); WOO D N (WOOD-I); WOO J (WOOJ-I)
Inventor: WOO D N; WOO J
Number of Countries: 018 Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 9303431   A2   19930218 WO 92US6638   A   19920807 199309 B
US 5282267   A   19940125 US 91743207   A   19910809 199405
US 35738   E   19980224 US 91743207   A   19910809 199815
                             US 95378174   A   19950125

Priority Applications (No Type Date): US 91743207 A 19910809; US 95378174 A
  19950125
Cited Patents: No-SR.Pub
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9303431   A2 E 39 G06F-000/00
   Designated States (National): CA JP
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
   SE
US 5282267   A   18 G06F-003/14
US 35738   E   18 G06F-003/14   Reissue of patent US 5282267

Abstract (Basic): WO 9303431 A
     The system bit-maps a document and records it in a first memory
   (54). The document is displayed, and portions of it to be replicated by
   data entry are underlayed by a window. Replicated data is entered into
   the window in location and size juxtaposed just below that which is
   replicated.

With this format in place, selected portions of the replicated
data are altered by insertion of character or word substitutions, thus
embedding the errors. A proofreader would endeavour to correct the
error embedded data. A record of the changes are recorded whereby the
skill level and accuracy of data are computed.
ADVANTAGE - Provides operator feedback and monitors operator data
entry and proofreading performance.
Dwg.1/10
Title Terms: DATA; ENTER; ERROR; EMBED; SYSTEM; **COMPUTER** ; SYSTEM; DIGITAL
; IMAGE; SCAN; DIGITAL; GRAPHIC; ACHIEVE; JUXTAPOSE; DATA; ENTER; PROOF;
READ
Derwent Class: T01
International Patent Class (Main): G06F-000/00; G06F-003/14
International Patent Class (Additional): G06F-015/62; G06K-009/46
File Segment: EPI

12/5/23   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008998205   **Image available**
WPI Acc No: 1992-125478/199216
XRPX Acc No: N92-093823
Visually indicating suitable targets in computer window operation -
**source object normally has shadow around it but shadow disappears when
valid source and target objects are aligned**
Patent Assignee: IBM CORP (IBMC)
Inventor: FLEMING S S; GRIFFIN D L; TORRES R J
Number of Countries: 005 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 480859	A	19920415	EP 91480138	A	19910906	199216	B
EP 480859	A3	19921209	EP 91480138	A	19910906	199344	

Priority Applications (No Type Date): US 90595334 A 19901010
Cited Patents: No-SR.Pub; 3.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 480859	A	E	7		

   Designated States (Regional): DE ES FR GB IT
Abstract (Basic): EP 480859 A
     A **computer** system has a visual interface in the form of a window
system having a client area (23), with a variety of icons (25...), a
pointer (32), title bar (15), system **menu** (35) and **window   sizing-
icons** (37). In a static situation, each icon has a shadow (27...)
around it which 'separates' it from the background.
     The pointer can be placed over an icon (25) and by an action such
as holding down a mouse button, the icon, and its shadow, can be
dragged across the window. Whenever such an icon is positioned over
another icon which is a valid target for the first icon, the shadow
disappears and makes the two icons appear 'associated'.
     USE/ADVANTAGE - Provides a visual indication of the suitability of
targets for a source icon.
     Dwg.2/6
Title Terms: VISUAL; INDICATE; SUIT; TARGET; **COMPUTER** ; WINDOW; OPERATE;
  SOURCE; OBJECT; NORMAL; SHADOW; SHADOW; DISAPPEAR; VALID; SOURCE; TARGET;
  OBJECT; ALIGN
Derwent Class: T01
International Patent Class (Additional): G06F-003/03
File Segment: EPI

Set	Items	Description
S1	3671	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2	40550	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSION? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MAGNITUD? OR PROPORTION?
S3	14380	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CONDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	46524	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR CONSOLE? OR TERMINAL?
S5	523	(COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HAND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCKET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONAL()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	47851	S2 OR S3
S7	46524	S4 OR S5
S8	157	S6(5N)S1
S9	12	S7(5N)S8
S10	12	S9/TI,DE,AB
S11	11	RD (unique items)

11/3,K/1   (Item 1 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide

   0020245
   0020245XX   STATUS: ACTIVE ENTRY
  TITLE: CA-TPX
   RELEASE DATE: 1984
   PUBLISHER: Computer Associates International, Incorporated; Comp Assocs
NY   (0-918317; 0-922091; 0-922344; 0-923108; 0-926530; 0-928104)

11/3,K/2   (Item 2 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide

   0019696
   0019696XX   STATUS: ACTIVE ENTRY
  TITLE: CA-Teleview
   RELEASE DATE: 1984
   PUBLISHER: Computer Associates International, Incorporated; Comp Assocs
NY   (0-918317; 0-922091; 0-922344; 0-923108; 0-926530; 0-928104)

11/3,K/3   (Item 3 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide

   0013938
   0013938XX   STATUS: ACTIVE ENTRY
  TITLE: OmniPage Pro
   VERSION: 8.0
   PUBLISHER: Caere Corporation; Caere Corp   (1-893324)

11/3,K/4   (Item 4 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide

   0009180
   0009180XX   STATUS: ACTIVE ENTRY
  TITLE: FinanceMaster Personal Finance & Budgeting
   PUBLISHER: Dynacomp, Incorporated; Dynacomp   (1-55697)

11/3,K/5   (Item 5 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide

   0005275
   0005275XX   STATUS: ACTIVE ENTRY
  TITLE: Synergy DBL
   VERSION: 5
   RELEASE DATE: 1993
   PUBLISHER: Synergex; Synergex

11/3,K/6   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00121242   DOCUMENT TYPE: Review

PRODUCT NAMES: FileMaker Pro 5.0 PowerMac   (719552)

TITLE: FileMaker Pro 5.0
AUTHOR: Simmons, Mark

SOURCE: MacAddict,   v5 n1 p71(1) Jan 2000
ISSN: 1088-548X
HOMEPAGE: http://www.imaginemedia.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20001130

...revamped to be easier to use for newbies, with a Microsoft Office-like
toolbar and **menu** reorganization. **Resizable   dialog   boxes** , enhanced
contextual **menus** , and support for Apple **Computer** 's new Navigation
Services open-and-save dialogs make for a well-implemented Macintosh
application...

 11/3,K/7   (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00105684   DOCUMENT TYPE: Review

**PRODUCT NAMES: PKZIP   (618012); Microsoft NetShow   (645168); Microsoft
Windows 95   (551473); Microsoft Windows 95   (740896); RealServer   (683817);
HTML   (835277)**

TITLE: Grow Your Own Web Gallery
AUTHOR: Ozer, Jan
SOURCE: Computer Shopper,   v17 n11 p646(6) Nov 1997
ISSN: 0886-0556
HOMEPAGE: http://www.computershopper.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010331

DESCRIPTORS: File **Compression** ; **Data** Communications; **Windows** ; HTML;
    Multimedia; IBM **PC** & Compatibles; Electronic Publishing; Graphics
    Tools; Internet Utilities

 11/3,K/8   (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00102937   DOCUMENT TYPE: Review

PRODUCT NAMES: Independent Contractor Windows & Windows 95   (675008)

TITLE: Lawgical Solution
AUTHOR: Ward, Denise
SOURCE: Law Office Computing,   v7 n3 p31(1) Jun/Jul 1997
ISSN: 1055-128X

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20000830

DESCRIPTORS: **Contractors** ; Law Firms; **Information** Retrieval; **Windows** ;
    IBM **PC** & Compatibles; Legal; Document Generators; Content Providers

11/3,K/9   (Item 4 from file: 256)

00081170   DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Object Linking & Embedding (OLE)   (387321)

TITLE: Microsoft set to air distributed object strategy
AUTHOR: Cox, John
SOURCE: Network World,   v12 n18 p1(2) May 1, 1995
ISSN: 0887-7661
HOMEPAGE: http://www.nwfusion.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20001130

...to support development of network applications. Currently, OLE is
restricted to working with applications and **data** within the same **Windows
 PC** . The **extensions** will allow OLE to work across a network, with
Microsoft first providing connectivity between Microsoft...

11/3,K/10   (Item 5 from file: 256)

00076432   DOCUMENT TYPE: Review

PRODUCT NAMES: GNN Server   (555002); Web Publisher   (555011); InContext
Spider   (555029); Blackbird   (555037)

TITLE: Presto! PCs Turn Into Web Servers
AUTHOR: Steinert-Threlkeld, Tom
SOURCE: Inter@ctive Week,   v2 n7 p30(1) Apr 10, 1995
ISSN: 1078-7259
HOMEPAGE: http://www.interactive-week.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

Personal **computers** can become World **Wide** Web servers with **Windows**
tools that upload **text** , audio, and graphic files. Beame & Whiteside
software makes Pentiums into Web servers; it also provides...

11/3,K/11   (Item 6 from file: 256)

00069299   DOCUMENT TYPE: Review

PRODUCT NAMES: WinZip 5.5 Windows   (338583); BOXER Text Editor for DOS
(362212); Above & Beyond   (384674); NeoBook Professional for DOS   (528994)

TITLE: Shareware Shop
AUTHOR: Gralla, Preston
SOURCE: Computer Shopper,   v14 n10 p646(2) Oct 1994
ISSN: 0886-0556
HOMEPAGE: http://www.computershopper.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 19971230

DESCRIPTORS: File **Compression** ; IBM **PC** & Compatibles; **Windows** ; MS-DOS
     ; **Text** Editors; Archival Systems; System Utilities; Documentation
     Aids

Set   Items   Description
S1   60614   (DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR
                  ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2   13156354   RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR -
                  LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI-
                  ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA-
                  GNITUD? OR PROPORTION?
S3   6695910   COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO-
                  NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4   3344572   COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-
                  PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C-
                  ONSOLE? OR TERMINAL?
S5   113228   (COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HA-
                  ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK-
                  ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA-
                  L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6   15093621   S2 OR S3
S7   3344572   S4 OR S5
S8   3994   S6(5N)S1
S9   184   S7(5N)S8
S10   34   S9/TI,DE,AB
S11   33   RD (unique items)

11/3,K/1   (Item 1 from file: 15)

01347484   99-96880
Lower cost of ownership?
Goodhue, Christopher
Informationweek   n606   PP: 210   Nov 18, 1996
ISSN: 8750-6874   JRNL CODE: IWK
WORD COUNT: 576

ABSTRACT: Enterprises   have embraced the **PC**   as the primary **window**   into
corporate   **information**   systems and as an **increasingly**   critical element
in   corporate   communications.   The costs of managing a PC through its life
cycle...

11/3,K/2   (Item 2 from file: 15)

01101614   97-51008
Quarterdeck marches ahead in Windows utilities race
Mardesich, Jodi
Computer Reseller News   n651   PP: 80   Oct 2, 1995
ISSN: 0893-8377   JRNL CODE: CRN
WORD COUNT: 501

ABSTRACT: In   September   1995,   Quarterdeck Office Systems Inc. introduced
MagnaRAM,   which   speeds   up **computers**   running **Windows**   by **compressing**
data   to   keep   it   in   RAM.   The   company   also   introduced WinProbe, a
diagnostic program that monitors...

11/3,K/3   (Item 3 from file: 15)

00710721   93-59942
Starting over
Kindel, Sharen
Financial World   v162n12   PP: 52-54   Jun 8, 1993
ISSN: 0015-2064   JRNL CODE: TWO
WORD COUNT: 1121

...ABSTRACT: its   new system to handle trading peaks of 800 million shares
per   day.   The   new   **workstation**   **condenses**   five screens of **data**   into
windows   that can be displayed simultaneously.

11/3,K/4   (Item 1 from file: 9)

02677145
Palm- Sized   Information   Terminal Adopts   WindowsCE
(Casio Computer unveils Cassiopeia E-503 and E-65 portable information
terminals, both of which use the Windows CE operating system)
Office Equipment & Products, p 38
January 2000
DOCUMENT TYPE: Journal   ISSN: 0387-5245   (Japan)
LANGUAGE: English   RECORD TYPE: Abstract

Palm- Sized   Information   Terminal Adopts   WindowsCE

11/3,K/5   (Item 2 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2001 Resp. DB Svcs. All rts. reserv.

02155822
Hitachi's New 133MHz MPUs with Digital Signal Processing
(Hitachi will introduce 2 high-end 133MHz RISC microprocessors in its SH3
line)
Japan Industrial Journal, p 4
May 12, 1998
DOCUMENT TYPE: Business Newspaper   (Japan)
LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:
...conscious with 1.8 volt internal power sources. Hitachi will market the
MPUs to a **wide** variety of users including mobile **data**   **terminals** , set
top **boxes** and car navigation systems. Samples are priced at 2,000 yen
and 2,200 yen...

11/3,K/6   (Item 3 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
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01996940 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Comdex - $69 Tape Back-up On VCRs
(Danmere Limited offers Backer 32 PC Tape Backup System, which uses
   computer   expansion **card; backs up** Windows-based computer   data
 onto standard VCR)
Newsbytes News Network, p N/A
November 20, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592   (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 265

(Danmere Limited offers Backer 32 PC Tape Backup System, which uses
   computer   expansion **card; backs up** Windows-based computer   data
 onto standard VCR)

11/3,K/7   (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0385694   BW837

INTEGRATED COMPUTER: Integrated Computer **Solutions (ICS)** expands its
     Widget **collection for Motif graphical user interfaces**

February 14, 1994

Byline: Business Editors

Integrated Computer **Solutions (ICS)** expands **its** Widget **collection for**
     Motif graphical user interfaces

11/3,K/8   (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2001 ProQuest. All rts. reserv.

03914417
Rex Gets Smarter
Anonymous
Business Week (Industrial/Technology Edition) (BWE), n3596, p18H, p.01
 Sep 21, 1998
 ISSN: 0739-8395   JOURNAL CODE: BWE

DOCUMENT TYPE: News
LANGUAGE: English   RECORD TYPE: Abstract

ABSTRACT: Franklin Electronic Publishers' new Rex Pro, a credit-card **size**
 organizer, allows users to download **data** from a **Windows** PC and also
 enter data by tapping a tiny on-screen keyboard.

  11/3,K/9   (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

00338032
A Macintosh Retrospective
Crabb, Don
Byte (BYT), v14 n3, p143-146, p.3
 Mar 1989
 ISSN: 0360-5280   JOURNAL CODE: BYT
 DOCUMENT TYPE: Commentary
 LANGUAGE: English   RECORD TYPE: Abstract
LENGTH: Long (31+ col inches)

...ABSTRACT: after its introduction, it seems that the Macintosh has
revolutionized the way people use personal **computers** . **Menus** , **windows**
, mice and **icons** are now in **wide** use and Mac is the standard after the
IBM PC.

  11/3,K/10   (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01196557   CMP ACCESSION NUMBER: IWK19990719S0045
Empire Taps Unisys (In Short)
INFORMATIONWEEK, 1999, n 744, PG79
PUBLICATION DATE: 990719
JOURNAL CODE: IWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Hardware
WORD COUNT: 88

TEXT:
...   will replace 100 dumb terminals-used to set up appointments for
clients and access customer **data** -with Unisys WinPath **Windows**
terminals . Empire wants to **reduce** the cost of managing and distributing
its business application software by running the software in...

  11/3,K/11   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01142334   CMP ACCESSION NUMBER: CRN19971027S0041
Windows 95 Upgrading Still Has An Impact
John Roberts
COMPUTER RESELLER NEWS, 1997, n 760, PG41
PUBLICATION DATE: 971027
JOURNAL CODE: CRN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: PC Sales Forecaster - October 27, 1997:Fourth Quarter
WORD COUNT: 500

TEXT:
    CRN corporate survey **data** shows that **Windows** 95 upgrading is
having a **bigger** impact on **PC** product spending by large and midsize
companies this year compared with last year.

11/3,K/12   (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

00644415   CMP ACCESSION NUMBER: CSN19890529S1282
NEC Slashes Its PC Prices
COMPUTER SYSTEMS NEWS, 1989, n 419, 38
PUBLICATION DATE: 890529
JOURNAL CODE: CSN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: PRODUCTS
WORD COUNT: 150

TEXT:
     BOXBOROUGH , MASS. - NEC **Information** Systems Inc. recently **reduced**
prices on the PowerMate personal **computer** line by up to 20 percent.

11/3,K/13   (Item 1 from file: 20)
DIALOG(R)File 20:World Reporter

07386708 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Deloitte & Touche: Boundless Corporation is Long Island's Leading
   Technology Company**
PR NEWSWIRE
September 23, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 663

     ... 23 /PRNewswire/ -- Boundless Corporation (Amex: BND) and its
wholly-owned subsidiary, Boundless Technologies, Inc., the **largest** U.S.
manufacturer of **text** and **Windows** -based **Terminals** , other thin-client
solutions and Internet appliances, have been recognized by Deloitte &
Touche LLP as...

11/3,K/14   (Item 2 from file: 20)
DIALOG(R)File 20:World Reporter

07383139 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Boundless Corporation Launches Subsidiary to Provide Electronic
   Manufacturing Services**
PR NEWSWIRE
September 23, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 852

     ... pursue opportunities within the $90 billion+ electronic
manufacturing services (EMS) marketplace. Boundless Corporation is the
 largest U.S. manufacturer of **text** and **Windows** -based **Terminals** ,
other thin-client solutions and Internet appliances.

11/3,K/15   (Item 3 from file: 20)
DIALOG(R)File 20:World Reporter

07083853 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Boundless Technologies Announces Agreement to Engineer and Manufacture Text
   Terminals for Hewlett-Packard**
PR NEWSWIRE
September 07, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 654

... Boundless Technologies, Inc. is a wholly- owned subsidiary of
Boundless Corporation (Amex: BND) and the **largest** U.S. manufacturer of
text and **Windows** -based **Terminals** , other thin-client solutions and
Internet appliances.
      The new terminals, which will be manufactured in...

   11/3,K/16   (Item 4 from file: 20)
DIALOG(R)File   20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

06623345 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ADDS 60 The New Video Display Text Terminal from Boundless Technologies
PR NEWSWIRE
August 10, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 860

      ... by Boundless Technologies, Inc., a wholly-owned subsidiary of
Boundless Corporation (Amex: BND) and the **largest** U.S. manufacturer of
text and **Windows** -based **Terminals** , other thin-client solutions and
Information appliances.

   11/3,K/17   (Item 5 from file: 20)
DIALOG(R)File   20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

06156804 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Boundless Technologies' Channel Program a Hit with VARs - Close to 300 Join
   and Europe Now Included -**
PR NEWSWIRE
July 12, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1081

      ... Boundless Technologies, Inc. is a wholly-owned subsidiary of
Boundless Corporation (Amex: BND) and the **largest** U.S. manufacturer of
text , and **Windows** -based **Terminals** , other thin-client solutions and
Information appliances.

   11/3,K/18   (Item 6 from file: 20)
DIALOG(R)File   20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

05480831 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**BOUNDLESS TECHNOLOGIES: Boundless Technologies names Donald A. Norman to
   its new Technical Advisory Board**
M2 PRESSWIRE
May 26, 1999
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 605

      ... Products Group. Boundless Technologies, Inc. is a wholly-owned
subsidiary of Boundless Corporation and the **largest** US manufacturer of
text and **Windows** -based **Terminals** , other thin-client solutions and
Internet appliances.
      The Boundless Technical Advisory Board will consist of...

   11/3,K/19   (Item 7 from file: 20)
DIALOG(R)File   20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

05378357 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies Names Donald A. Norman To Its New Technical Advisory
   Board
PR NEWSWIRE
May 19, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 986

     ... Boundless Technologies, Inc. is a wholly owned subsidiary of
Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S. manufacturer of
 text and **Windows** -based **Terminals** , other thin-client solutions and
Information appliances.

 11/3,K/20   (Item 8 from file: 20)
DIALOG(R)File 20:World Reporter
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05282016 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies Joins New International Consortium Formed to Advance
   Application Service Provider (ASP) Market
PR NEWSWIRE
May 12, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 886

     ... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned
subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S.
manufacturer of **text** and **Windows** -based **Terminals** , other thin-client
solutions and Internet appliances, has joined with other leading technology
companies to...

 11/3,K/21   (Item 9 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

04275559 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies Sees Growth for Thin-Client Market in 1999 and
   Beyond; Viewpoint(R) TC, Capio(TM), Other Product Introductions Will
   Capture Sales
PR NEWSWIRE
February 09, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1204

     ... PRNewswire/ -- Boundless Technologies, Inc., a wholly owned
subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S.
manufacturer of **text** and **Windows** -based **Terminals** and other
thin-client solutions, is implementing aggressive sales and marketing
strategies during 1999 for...

 11/3,K/22   (Item 10 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

04143783 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies and River Run Software Group Agree to Cease
   Acquisition Plan
BUSINESS WIRE
January 27, 1999
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 486

     ... Boundless Technologies, Inc. ("Boundless"), a wholly-owned
subsidiary of Boundless Corporation (Nasdaq: BDLS), and the **largest** U.S.
manufacturer of **text** and **Windows** (R)-based **Terminals** and other

thin-client solutions, and River Run Software Group, Inc. ("River Run") announced today...

11/3,K/23   (Item 11 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

04131963 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Boundless Technologies and Learningstation.com Strike Alliance to Launch
  Thin-Client Computing to Classrooms Nationwide**
PR NEWSWIRE
January 26, 1999
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1328

       ... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned
subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S.
manufacturer of **text**   and **Windows** -based **Terminals** and other
thin-client solutions, and Learningstation.com ("LSC") (www.learningstation
.com), the country's...

11/3,K/24   (Item 12 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

03599172 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Boundless Technologies Ranks in Top 100 of Deloitte & Touche Fourth Annual
  Technology 'Fast 500'**
PR NEWSWIRE
November 30, 1998
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 685

     Largest U.S. Manufacturer of **Text** and **Windows** -Based **Terminals**
     HAUPPAUGE, N.Y., Nov. 30 /PRNewswire/ -- Boundless Technologies, Inc.,
a wholly owned subsidiary of Boundless Corporation (Nasdaq: BDLS), and the
 largest U.S. manufacturer of **text** and **Windows** -based **terminals** and
other thin-client solutions, is ranked 99th on the recently announced
Fourth Annual Technology...

11/3,K/25   (Item 13 from file: 20)
DIALOG(R)File 20:World Reporter
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03579174 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**BOUNDLESS: Boundless Technologies takes orders for new Viewpoint TC 3xx
  series**
M2 PRESSWIRE
November 26, 1998
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1057

     ...technology
     Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless
Corporation (NASDAQ: BDLS) and the **largest** U.S. manufacturer of **text**
 and **Windows** -based **terminals** and other thin-client solutions, has
introduced its Windows CE based Viewpoint TC 3xx series...

11/3,K/26   (Item 14 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

03579173 (USE FORMAT 7 OR 9 FOR FULLTEXT)

BOUNDLESS: Boundless Technologies and EDS provide more productive info access with thinclient apps
M2 PRESSWIRE
November 26, 1998
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 758

        Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (NASDAQ: BDLS), and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has been selected to participate in the EDS Network Computing...

11/3,K/27   (Item 15 from file: 20)
DIALOG(R)File   20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

03553545 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYRIX: Cyrix and Boundless Technologies team for new Windowsbased terminal with MediaGX processor
M2 PRESSWIRE
November 24, 1998
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 538

        ... affordable Windows-based terminal. Boundless Technologies, a wholly-owned subsidiary of Boundless Corporation, is the **largest** US manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions.

11/3,K/28   (Item 16 from file: 20)
DIALOG(R)File   20:World Reporter
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03453351 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies and EDS Network Computing Services Provide More Productive Information Access with Thin-Client Applications
PR NEWSWIRE
November 16, 1998
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 797

        ... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDLS), and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has been selected to participate in the EDS Network Computing...

11/3,K/29   (Item 17 from file: 20)
DIALOG(R)File   20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

03421366 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies Takes Orders for New Viewpoint(R) TC 3xx Series; Windows(R)-Based Terminal IIAS Embedded Windows(R) CE, ICA and RDP
PR NEWSWIRE
November 12, 1998
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1043

        ... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has introduced its Windows(R) CE based Viewpoint(R) TC...

11/3,K/30   (Item 18 from file: 20)

03318532 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Boundless Technologies Selects M-Systems DiskOnChip(R) Technology for
  Thin-Client Data Storage; Providing Computing Access Solutions for a
  Network-Centric World**
PR NEWSWIRE
November 03, 1998
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 996

      ... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned
subsidiary of Boundless Corporation (Nasdaq: BDLS), and the **largest** U.S.
manufacturer of **text** and **Windows** (R)-based **Terminals** and other
thin-client solutions, has selected the DiskOnChip(R) flash storage
technology from M...

11/3,K/31   (Item 19 from file: 20)

03302589 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Deloitte & Touche: Boundless Technologies Is One of Long Island's Leading
  Technology Companies**
PR NEWSWIRE
November 02, 1998
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 461

      ... PRNewswire/ -- Boundless Technologies, Inc., a wholly owned
subsidiary of Boundless Corporation (Nasdaq: BDLS), and the **largest** U.S.
manufacturer of **text** and **Windows** (R)-based **Terminals** and other
thin-client solutions, has been recognized by Deloitte & Touche LLP as the
second...

11/3,K/32   (Item 20 from file: 20)

02870536 (USE FORMAT 7 OR 9 FOR FULLTEXT)
 **BOUNDLESS TECHNOLOGIES: Boundless organises a power team for serverbased
  computing opportunities**
M2 PRESSWIRE
September 18, 1998
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1060

      ...of strategic focus
    Boundless Technologies, Inc., a wholly owned subsidiary of Boundless
Corporation and the **largest** U.S. manufacturer of **Windows** -based and
 text **terminal** solutions, announced today it has assembled an
experienced team of technology professionals to develop innovative...

11/3,K/33   (Item 21 from file: 20)

02828246
**Boundless Technologies Organizes a Power Team for Rapidly Expanding
  Server-Based Computing Opportunities**

... focus Boundless Technologies, Inc., a wholly owned subsidiary of Boundless Corporation (NASDAQ: BDLS) and the **largest** U.S. manufacturer of **Windows**   (R)-based and **text** **terminal** solutions, announced today they have assembled an experienced team of technology professionals to develop innovative...

Set   Items   Description
S1   16695   (DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR
                  ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2   16619390   RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR -
                  LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI-
                  ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA-
                  GNITUD? OR PROPORTION?
S3   9171069   COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO-
                  NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4   4456846   COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-
                  PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C-
                  ONSOLE? OR TERMINAL?
S5   21249   (COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HA-
                  ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK-
                  ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA-
                  L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6   21149860   S2 OR S3
S7   1575   S6(5N)S1
S8   4456846   S4 OR S5
S9   54   S7(5N)S8
S10   47   RD (unique items)
S11   43   S10 AND PY<1999

11/3,K/1   (Item 1 from file: 108)

02204515   N95-26737
 Enhanced visual user interface support for domain-oriented application composition systems
  Master's Thesis
  GUINTO, RICHARD A.
  Air Force Inst. of Tech., Wright-Patterson AFB, OH. School of Engineering.
  CORPORATE CODE: AI174479
  Dec. **1994**   122P.
  NOTE: Limited Reproducibility: More than 20% of this document may be affected by microfiche quality
  REPORT NO.: AD-A289337; AFIT/GCS/ENG/94D-06

  1994
  ...User workload was **reduced** through **window** reordering, **menu** redesign, and Human **Computer** Interaction techniques such as; combining repetitive procedures into single commands, reusing composition information whenever possible...

11/3,K/2   (Item 1 from file: 8)

04872164   E.I. No: EIP97113935263
  Title: **Performance testing of communication protocols for three-tier computing: Results for ICA and X Window protocols**
  Author: Roberts, David C.; Grossman, David A.; Frieder, Ophir; Bernstein, Robert; Bishop, Eric
  Corporate Source: Office of Information Technology, Washington, DC, USA
  Conference Title: Proceedings of the 1997 6th International Conference on Computer Communications and Networks, ICCCN'97
  Conference Location: Las Vegas, NV, USA Conference Date: 19970922-19970925
  E.I. Conference No.: 47285
  Source: Proceedings of the International Conference on Computer Communications and Networks, ICCCN 1997. IEEE, Piscataway, NJ, USA,97TB100187. p 450-455
  Publication Year: 1997
  CODEN: 002473
  Language: English

  ...Abstract: interface (Tier 3). Three protocols are available to communicate between Tier 2 and 3: Intelligence **Computer** Architecture (ICA) with and without **data compression** , and X **Window** . We measured the performance of the three protocols in a multi-user environment in which ...

11/3,K/3   (Item 2 from file: 8)

04044672   E.I. No: EIP95012522805
  Title: **2-D fast kalman algorithms for adaptive parameter estimation of nonhomogeneous gaussian markov random field model**
  Author: Zou, C.R.; Plotkin, E.I.; Swamy, M.N.S.
  Corporate Source: Concordia Univ, Montreal, Que, Can
  Source: IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing 41 10 Oct 1994. p 678-692
  Publication Year: 1994
  CODEN: ICSPE5   ISSN: 1057-7130

Language: English

...Abstract: and L being respectively the total number of model
parameters to be estimated and the **size** of **data** **window** . For **computer**
simulation two sample images which obey two sets of known parameters are
first synthesized, and...

11/3,K/4   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

02679585   E.I. Monthly No: EIM8811-059918
 Title: **PC-CAD/CAM FOR TOOL DESIGNERS.**
 Author: Lazear, T.
 Corporate Source: T&W Systems Inc, Huntington Beach, CA, USA
 Conference Title: Advanced Manufacturing Systems, Proceedings of the AMS
'86 Exposition and Conference.
 Conference Location: Chicago, IL, USA   Conference Date: 19860624
 E.I. Conference No.: 11620
 Source: Publ by IFS Publ Ltd, Kempston, Engl, & Springer-Verlag, Berlin,
West Ger & New York, NY, USA p 157-159
 Publication Year: 1986
 ISBN: 0-948507-34-9
 Language: English

 Identifiers: LOW-COST; **LARGE   DATA   BOXES ; PC** BASED CAM SYSTEMS;
HIGH PRODUCTIVITY GAINS; INCREASED PRODUCTIVITY; BETTER PRODUCTS

11/3,K/5   (Item 4 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

02216620   E.I. Monthly No: EI8706058753
 Title: **COMPENSATION OF RANDOM EYE MOTION IN TELEVISION OPHTHALMOSCOPY:**
PRELIMINARY RESULTS.
 Author: De Castro, Ercole; Cristini, Giuseppe; Martelli, Alessandro;
Morandi, Carlo; Vascotto, Marco
 Corporate Source: Univ of Bologna, Italy
 Source: IEEE Transactions on Medical Imaging v MI-6 n 1 Mar 1987 p 74-81
 Publication Year: 1987
 CODEN: ITMID4   ISSN: 0278-0062
 Language: ENGLISH

 ...Abstract: confirm the robustness of the chosen approach, phase
correlation. The effects of choices such as **computer** word **length** or
raw-**data** **windowing** on system performance are also analyzed. 24 refs.

11/3,K/6   (Item 5 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

01867883   E.I. Monthly No: EIM8505-024465
 Title: **STRATEGIES FOR CREATING AN EASY TO USE WINDOW MANAGER WITH ICONS.**
 Author: Myers, Brad A.
 Corporate Source: Univ of Toronto, Dep of Computer Science, Toronto, Ont,
Can
 Conference Title: Proceedings - Graphics Interface '84.
 Conference Location: Ottawa, Ont, Can   Conference Date: 19840528
 E.I. Conference No.: 06381
 Source: Proceedings - Graphics Interface 1984. Available from Canadian
Information Processing Soc, Toronto, Ont, Can p 227-233
 Publication Year: 1984
 CODEN: PGINEK   ISSN: 0713-5424
 Language: English

Identifiers: PERSONAL **WORKSTATION** (PERQ); SAPPHIRE WINDOW MANAGER;
COVERED **WINDOWS** ; POINTING DEVICE; **ICONS** ; **EXTENDED SUMMARY**

11/3,K/7   (Item 6 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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01455035   E.I. Monthly No: EIM8311-081222
 Title: **IMPROVING ENERGY PRODUCTIVITY THROUGH BUILDING SIMULATION.**
 Author: Henry, Walter E.
 Corporate Source: Xenergy Inc
 Conference Title: Advances in Energy Productivity (5th World Energy
Engineering Congress).
 Conference Date: 19820914
 E.I. Conference No.: 03025
 Source: Publ by Fairmount Press, Atlanta, Ga, USA p 413-416
 Publication Year: 1982
 ISBN: 0-915586-67-3
 Language: English

 Identifiers: COMMERCIAL SPACE; NATION BUILDING STOCK; **COMPUTER** ENERGY
SIMULATION; SYSTEM **SIZING** ; TEMPERATURE SCHEDULES; BUILDING EQUIPMENT;
CONSTRUCTION **DATA** ; **WINDOW** DATA /OVERHANGS; ENERGY SOURCE HEAT CONTENT;
BUILDING LOAD DATA; HEAT RECOVERY

11/3,K/8   (Item 7 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

01414307   E.I. Monthly No: EI8312100143   E.I. Yearly No: EI83016604
 Title: **BUFFER ANALYSIS OF AN INTEGRATED VOICE AND DATA TERMINAL.**
 Author: Majithia, J. C.; Li, San-gi
 Corporate Source: Univ of Guelph, Dep of Computing & Information Science,
Guelph, Ont, Can
 Source: Computer Communications v 6 n 4 Aug 1983 p 171-177
 Publication Year: 1983
 CODEN: COCOD7   ISSN: 0140-3664
 Language: ENGLISH

 ...Abstract: analysis indicates the performance limits on the application
imposed by the buffer size at the **terminal** and the **large** fluctuation of
delay performance for **data** traffic. A **window** -type flow control for data
traffic is also considered. By appropriately choosing the buffers in...

11/3,K/9   (Item 8 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

00132165   E.I. Monthly No: EI71X019232
 Title: **Spec microwave transistors fast.**
 Author: PERLOW, S. M.; BOSSARD, B. B.
 Corporate Source: KMC Semiconductor Corp, Long Valley, NJ
 Source: Microwaves v 9 n 7 July 1970 p 68-70
 Publication Year: 1970
 CODEN: MCRWA   ISSN: 0026-2919
 Language: ENGLISH

 Abstract: S parameters are vector quantities which give **magnitude** and
phase **information** of a "black **box** " with input and output **terminals** .
In this i%nstance, a microwave transistor is contained in the "black box".
Because of...

11/3,K/10   (Item 1 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online

01117197 ORDER NO: AAD90-22321
CONVENTIONAL AND MONTE CARLO BOX MODELS OF THE ATMOSPHERE: BUDGETS AND LATITUDE PROFILES OF TRICHLOROFLUOROMETHANE, DICHLORODIFLUOROMETHANE, METHYLCHLOROFORM, AND METHANE
  Author: SILZEL, JOHN WARWICK
  Degree: PH.D.
  Year: **1990**
  Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, IRVINE (0030)
  Source: VOLUME 51/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 1178. 808 PAGES

  Year: **1990**

     ...compression to yield 2-D or 1-D models, with resolution in the remaining dimensions **reduced** to that afforded by field **data** . These " **box** models" require minimal **computer** resources, and offer enhanced flexibility, yet may fit measured concentrations to within experimental uncertainty for...

11/3,K/11   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

5407064
 Title: **Memory loss [printer software]**
  Author(s): Carney, A.
  Journal: Office Equipment News   p.19
  Publisher: Wilmington Publishing,
  Publication Date: Sept. 1996 Country of Publication: UK
  CODEN: OEINET
  Material Identity Number: B509-96008
  Language: English
  Subfile: D
  Copyright 1996, IEE

    Abstract: Recent software developments have improved **data** transmission from a **Windows**   **PC** to a printer, **reducing** the amount of memory and processing power needed. The Graphical Device Interface and Windows Printing...
    1996

11/3,K/12   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

4939614   INSPEC Abstract Number: C9506-6180G-005
  Title: **The construction of a personal computer system without a command-line interface**
  Author(s): Maurer, W.D.
  Author Affiliation: Dept. of Electr. & Comput. Eng., George Mason Univ., Fairfax, VA, USA
  p.681-4
  Editor(s): Zupancic, J.; Wrycza, S.
  Publisher: Moderna Organizacija, Kranj, Slovenia
  Publication Date: 1994 Country of Publication: Slovenia   744 pp.
  Conference Title: Proceedings of ISD'94 - 4th International Conference on Information Systems Development
  Conference Date: 20-22 Sept. 1994   Conference Location: Bled, Slovenia
  Language: English
  Subfile: C
  Copyright 1995, IEE

...Abstract: X Windows is gaining in popularity among Unix users; while the Macintosh, Amiga, and Atari **computers** have always had **window** -**icon** -mouse interfaces. A **window** -**icon** mouse system is always much **larger** than the corresponding command line interface system. Nevertheless, window-icon-mouse systems are so easy...
1994

11/3,K/13   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

4803429   INSPEC Abstract Number: A9423-8770E-019, B9412-7510D-010
 Title: **Classification of non-averaged EEG data by learning quantisation and the influence of signal preprocessing**
 Author(s): Flotzinger, D.; Pfurtscheller, G.; Neuper, C.; Berger, J.; Mohl, W.
 Author Affiliation: Dept. of Med. Inf., Graz Univ. of Technol., Austria
 Journal: Medical & Biological Engineering & Computing   vol.32, no.5 p.571-6
 Publication Date: Sept. 1994 Country of Publication: UK
 CODEN: MBECDY ISSN: 0140-0118
 U.S. Copyright Clearance Center Code: 0140-0118/94/$7.50+0.00
 Language: English
 Subfile: A B

...Abstract: side of hand movement, and therefore also the reliability of the EEG-based Graz brain- **computer** interface. In addition to the **data** transformation, the **window**   **size** and the position of the time window used for classification are also investigated.
 1994

11/3,K/14   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC

4709274   INSPEC Abstract Number: C9408-6115-019
 Title: **Choosing a visual programming tool**
 Author(s): Richards, D.
 Journal: Info DB   vol.8, no.1   p.13-21
 Publication Date: Spring 1994 Country of Publication: USA
 CODEN: IFDBEB ISSN: 0891-6004
 Language: English
 Subfile: C

...Abstract: products address: portability across multiple platforms and window managers; scripting language features; the world of **widgets** ; tool **extensibility** ; **workstation** application and data interchange (using Microsoft OLE, for example); support for team development; and inheritance ...
 1994

11/3,K/15   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC

04162521   INSPEC Abstract Number: C9207-6180G-018
 Title: **Object-oriented user interface**
 Author(s): Akiguchi, C.
 Journal: Journal of the Institute of Electrical Engineers of Japan vol.111, no.10   p.814-16
 Publication Date: Oct. 1991 Country of Publication: Japan
 CODEN: DGZAAW ISSN: 0020-2878
 Language: Japanese

...Abstract: personal computers. These are equipped with a bit map display, pointing device (mouse), high-performance **microprocessor** , **large** memory, and **window** system. Objective **information** is indicated visually as icons (graphic characters) by using the window system. Direct user interface...
1991

11/3,K/16   (Item 6 from file: 2)

03398884   INSPEC Abstract Number: B89043837
 Title: **The use of metallised glass windows for RFI shielding**
   Author(s): Clarke, L.T.
   Author Affiliation: R&D Labs., Pilkington plc, Lathom, UK
   Conference Title: Electromagnetic Compatibility and Microprocessor-Based
Equipment (EMC 88) Seminar Proceedings (ERA 88-0013)   p.5.2/1-14
   Publisher: ERA Technol, Leatherhead, UK
   Publication Date: Jan. 1989 Country of Publication: UK   iv+228 pp.
   ISBN: 0 7008 0382 3
   Conference Date: 2 Feb. 1988   Conference Location: London, UK
   Language: English
   Subfile: B

...Abstract: may not satisfy the most demanding specifications such as TEMPEST; are nevertheless satisfactory for a **wide** range of applications from **windows** for **data** sensitive areas such as **computer** rooms, to RFI shielding cabinet doors and VDU faceplates.
   1989

11/3,K/17   (Item 7 from file: 2)

03201694   INSPEC Abstract Number: C88051675
 Title: **Zenith Supersport 286: Pounds 3195; sporting chance**
   Author(s): Craven, S.
   Journal: What Micro   p.16-18
   Publication Date: July 1988 Country of Publication: UK
   CODEN: WHMID6 ISSN: 0264-441X
   Language: English
   Subfile: C

...Abstract: LCD which uses CGA standard as well as using double the normal dots to improve **text** display. An **expansion** **box** allows 3 full **size** IBM **PC** /XT compatible cards. The IMB of working RAM is expandable to 2 MB, an 80287...
   1988

11/3,K/18   (Item 8 from file: 2)

03060546   INSPEC Abstract Number: C88013741
 Title: **MultiFinder for the Macintosh (multitasking OS)**
   Author(s): Williams, G.
   Journal: BYTE   vol.12, no.13   p.123-6, 128-30
   Publication Date: Nov. 1987 Country of Publication: USA
   CODEN: BYTEDJ ISSN: 0360-5280
   Language: English
   Subfile: C

...Abstract: operating system for its Macintosh computers, is yet another step in the growth of the **computer** that introduced the **increasingly** popular **icon** / **window** /mouse/pull-down-**menu** user interface. It adds both convenience (quick switching among applications in simultaneously visible windows) and...
1987

11/3,K/19   ·(Item 9 from file: 2)

02870836   INSPEC Abstract Number: C87029949
 Title: **ENABLE (integrated package)**
 Author(s): Saffady, W.
 Journal: Computer Equipment Review   vol.8, no.2   p.18-34
 Publication Date: July-Dec. 1986 Country of Publication: USA
 CODEN: CEQRDG ISSN: 0278-260X
 Language: English
 Subfile: C

    ...Abstract: application modules are linked by a Master Control Module which supports a variety of system- **wide** features, including file management, **windowing** , **menu** generation, macro creation, and a **PC** -DOS/MS-DOS interface. Each of its five application modules can successfully address a broad...
    1986

11/3,K/20   (Item 10 from file: 2)

02870659   INSPEC Abstract Number: C87029758
 Title: **Concurrent PC DOS**
 Author(s): Rash, W., Jr.
 Author Affiliation: American Manage. Syst. Inc., Arlington, VA, USA
 Journal: BYTE   vol.12, no.3   p.226-8
 Publication Date: March 1987 Country of Publication: USA
 CODEN: BYTEDJ ISSN: 0360-5280
 Language: English
 Subfile: C

    ...Abstract: PC DOS runs software written for both MS-DOS and CP/M-86 in a **menu** -driven **windowing** operating environment that provides **extensive** on-line help. Concurrent **PC** DOS version 5.0 ($395) runs on the IBM PC, PC AT, and close compatibles...
    1987

11/3,K/21   (Item 11 from file: 2)

02848204   INSPEC Abstract Number: C87025916
 Title: **Crosstalk XVI: the master of intercommunications**
 Author(s): Stuhr, M.
 Journal: Micro   no.8   p.50-2
 Publication Date: Aug. 1986 Country of Publication: West Germany
 CODEN: MICME2 ISSN: 0175-4750
 Language: German
 Subfile: C

    ...Abstract: there are two windows; a 'status' window showing some of the available functions and a '**terminal** ' **window** showing the **information** transmitted. The **large** order code facilitates several types of data communication. The program recognises the 'clear to send...

11/3,K/22   (Item 1 from file: 233)

00513860   98CW11-204
  Thin clients breaking corporate barrier
  Jacobs, April
  Computerworld , November 16, 1998 , v32 n46 p1, 26, 2 Page(s)
  ISSN: 0010-4841

  ... of lower management costs, as well as the release of new products,
have caused an **increase** in interest. Says International **Data** Corp.
predicts that **Windows** -based **terminals** will outnumber network **computers**
 by 2 to 1 in the next few years. Cites Gartner Group Inc. analyst who...
  1998

11/3,K/23   (Item 2 from file: 233)

00462249   97PM06-001
  **Bull -- Bill did tell his troops to make everything Web-like, but this
can't possibly be what he meant**
  Somerson, Paul
  PC/Computing , June 1, 1997 , v10 n6 p81, 1 Page(s)
  ISSN: 0899-1847

  1997
  Descriptors: Consumer **Information ;** **Window** Software; **Information**
Science; Lap- **sized** **Microcomputer** ; Bugs; Operating Systems;
Microprocessor

11/3,K/24   (Item 3 from file: 233)

00429128   96CN07-006
  Design and Management in a Word: Drawbase
  Evans, Dale E
  Cadence , July 1, 1996 , v11 n7 p72-74, 3 Page(s)
  ISSN: 0887-9141
  Company Name: Drawbase Software
  Product Name: Drawbase

  1996
  Descriptors: **Computer** Aided Design; **Data** Base Management; **Window**
Software; Software Review; Three-**dimensional** Graphics; Architecture;
Mapping

11/3,K/25   (Item 4 from file: 233)

00366137   94PI11-030
  Dell Latitude XP: notebook practice made perfect
  Perenson, Melissa
  PC Magazine , November 8, 1994 , v13 n19 p54, 1 Page(s)
  ISSN: 0888-8507
  Company Name: Dell Computer
  Product Name: Dell Latitude XP 4100CX

1994
    Descriptors: Lap- **sized** **Microcomputer** ; Hardware Review; PCMCIA;
Information Storage; **Window** Software; 80486; Color Display

11/3,K/26 **(Item 5 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00358207 94PL08-009
    **Tool duel: Norton Desktop for Windows 3.0 vs. PC Tools for Windows 2.0
-- Utility programs can be lifesavers, helping you recover lost files or
drives. Rebecca referees the clash of the top utilities**
    Rohan, Rebecca
    PC Laptop Computers Magazine , August 1, 1994 , v6 n8 p56-57, 2 Page(s)
    ISSN: 1043-1314
    Company Name: Symantec; Central Point Software
    Product Name: Norton Desktop for Windows, The; PC Tools for Windows

    1994
    Descriptors: Utility Program; Software Review; Lap- **sized**
Microcomputer ; **Window** Software; Consumer **Information** ; Disk Files

11/3,K/27 **(Item 6 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00357469 94HC08-003
    Untie your PC and notebook: LapLink Wireless
    Quain, John R
    Home Office Computing , August 1, 1994 , v12 n8 p46-48, 2 Page(s)
    ISSN: 0899-7373
    Company Name: Traveling Software
    Product Name: LapLink Wireless

    1994
    Descriptors: Wireless Communication; Software Review; Lap-**sized**
Microcomputer ; **Data** Transmission; **Window** Software

11/3,K/28 **(Item 7 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00330175 93PL11-014
    Remote control software
    Maxwell, Kimberly
    PC Laptop Computers Magazine , November 1, 1993 , v5 n11 p44-47, 4
Page(s)
    ISSN: 1043-1314
    Company Name: Microcom; Norton Lambert; Symantec; Triton Technologies
    Product Name: Carbon Copy for Windows; Close-Up; pcANYWHERE for
Windows; CO/Session

    1993
    Descriptors: Remote Computing; Lap- **sized** **Microcomputer** ; Vendor
Guide; Software Review; **Window** Software; **Data** Communication

11/3,K/29 **(Item 8 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00279554 92PX06-015
    Computer Easy Draw for Windows
    Estep, Jim G

PCM , June 1, 1992 , v9 n12 p56-57, 2 Page(s)
ISSN: 0747-0460
Company Name: ComputerEasy
Product Name: Computer Easy Draw for Windows

   ... at least 2MB of extended memory, a mouse, and at least a 16MHz
286-based **PC** . The program uses a standard **icon** -based **Windows**
 interface. , It offers a **large** number of features including a blender to
blend two objects together, online help, onscreen rulers...
   1992

11/3,K/30   (Item 9 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00265210   92PK01-203
  Microsoft, DEC exploring NT version for Alpha chip
   Sherer, Paul M; Zimmerman, Michael R
   PC WEEK , January 20, 1992 , v9 n3 p1, 6, 2 Page(s)
   ISSN: 0740-1604
   Company Name: Microsoft; Digital Equipment Corp.
   Product Name: Microsoft Windows NT; Alpha

   1992
   Descriptors: **Contract** ; Compatibility; Corporate **Information** ;
 Window Software; **Microprocessor** ; Strategy

11/3,K/31   (Item 10 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00215554   89PC04-026
  The first color laptop takes a bow NEC ProSpeed CSX
   Desposito, Joseph
   Personal Computing , April 27, 1990 , v14 n4 p148, 1 Pages
   ISSN: 0192-5490

   Presents a favorable review of NEC ProSpeed CSX ($8,499), a color lap-
 sized   microcomputer system, from NEC **Information** Systems Inc. of
 Boxborough , MA (312). The laptop comes with 2MB standard RAM, 40MB hard
disk, 3.5-inch...
   1990

11/3,K/32   (Item 11 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00208612   90MW01-032
  Automating connectivity
   Seiter, Charles
   Macworld , January 1, 1990 , v7 n1 p131-135, 2 Pages
   ISSN: 0741-8647

   ... ME (207) used its Automated Publishing System (APS) Report Generator
to give the Mac a **window** on organization-**wide   data** stored on **larger**
 computers . Says the application was developed for Maine's state-wide
education budget. Includes one photo...
   1990

11/3,K/33   (Item 12 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00203562   89PK10-333
  ADS bringing Windows line to OS/2 Menu system set for LAN Manager
  Morrissey, Jane
  PC WEEK , October 23, 1989 , v6 n42 p61, 63, 2 Pages
  ISSN: 0740-1604

  ...for NetWare packages range in price from $595 to $605. The package is
composed of **Windows   Workstation   Menu** , Print Manager and **Extensions**
for LANs. Together, they cost $1,195. Says that ADS choose to port the
Windows...
  1989

  11/3,K/34   (Item 1 from file: 94)
  DIALOG(R)File   94:JICST-EPlus
  (c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

  02993957   JICST ACCESSION NUMBER: 96A0592985   FILE SEGMENT: JICST-E
  Information Systems. X Window Terminal XMiNT CSF.
  DOI YUTAKA (1); WATANABE FUMIAKI (1)
  (1) Takaoka Electr. Mfg. Co., Ltd.
  Takaoka Rebyu(Takaoka Review), **1996** , VOL.43,NO.2, PAGE.117-119, FIG.2,
      TBL.1
  JOURNAL NUMBER: Y0268AAS   ISSN NO: 0385-9630
  UNIVERSAL DECIMAL CLASSIFICATION: 681.325/.327
  LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
  DOCUMENT TYPE: Journal
  ARTICLE TYPE: Commentary
  MEDIA TYPE: Printed Publication

  , 1996
  ...ABSTRACT: necessity for passing a large amount of voice and image data
      through networks. Handling such **large** amount of **data** requires the X
      Window   terminal to have function that are powerful and compatible
      with thigh speed netwoeks systems. The shthors...

  11/3,K/35   (Item 2 from file: 94)
  DIALOG(R)File   94:JICST-EPlus
  (c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

  01461314   JICST ACCESSION NUMBER: 92A0250380   FILE SEGMENT: JICST-E
  Performance evaluation of an integrated voice and data LAN.
  MORITA T (1); MOTOKI Y (1); SUZUKI T (1); MIYAMOTO T (2); AMADA E (2)
  (1) Hitachi, Ltd., Kanagawa, JPN; (2) Hitachi, Ltd., Tokyo, JPN
  Denshi Tokyo(Denshi Tokyo), **1991** , NO.29(1990), PAGE.45-49, FIG.5, REF.3
  JOURNAL NUMBER: Y0773AAF   ISSN NO: 0285-1903
  UNIVERSAL DECIMAL CLASSIFICATION: 621.394/.395
  LANGUAGE: English   COUNTRY OF PUBLICATION: Japan
  DOCUMENT TYPE: Journal
  ARTICLE TYPE: Original paper
  MEDIA TYPE: Printed Publication

  , 1991
  ...ABSTRACT: to-end throughput and its characteristics are analyzed in this
      configuration to investigate an effective **data** transfer speed and
      window   size between **terminals** . As a consequence, the authors see
      encouraging prospects for a multimedia network which integrates the...

  11/3,K/36   (Item 1 from file: 6)
  DIALOG(R)File   6:NTIS
  Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

  1917372 NTIS Accession Number: N96-10316/3
  World Wide Web 3D Browser for Surfing the Internet
  (Final Report, 15 Dec. 1994 - 14 Jun. 1995)

Analysis and Simulation, Inc., Buffalo, NY.
Corp. Source Codes: 111462000; AU894521
Sponsor: National Aeronautics and Space Administration, Washington, DC.
Report No.: NAS 1.26:199156; ANSIM-95-45; NASA-CR-199156
14 Jun 95   104p
Languages: English
Journal Announcement: GRAI9602; STAR3401
  Order   this   product   from   NTIS   by: phone   at   1-800-553-NTIS   (U.S.
customers);   (703)605-6000   (other   countries);   fax   at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC A06/MF A02

  Descriptors: Computer graphics; * **Computer** systems programs; *Human-
computer interface; * **Information** retrieval; * **Windows** (**Computer**
programs); *World **wide** web; Data bases; Data structures; Document markup
languages; Hypertext

  11/3,K/37   (Item 2 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

1490014 NTIS Accession Number: PB90-158502
 Proposal to Develop a NeWS Terminal
  Davison, A. ; Simmins, A.
  Queen Mary Coll., London (England). Dept. of Computer Science and
Statistics.
  Corp. Source Codes: 023846012
  23 Oct 87   5p
  Languages: English
  Journal Announcement: GRAI9009
  Order   this   product   from   NTIS   by: phone   at   1-800-553-NTIS   (U.S.
customers);   (703)605-6000   (other   countries);   fax   at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC E04/MF E04

  Identifiers: Foreign technology; *Workstations; *Interactive graphics;
Text   processing;   Network   **extensible**   **window**   system;   **Computer**
architecture; NTISDFMBR

  11/3,K/38   (Item 3 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

0545487 NTIS Accession Number: AD-A022 556/5/XAB
 **A · Bandwidth Conserving Approach to Multiple Access Satellite
Communication for Mobile Terminals**
  (Technical note)
  White, B. E. ; Mersereau, R. M.
  Massachusetts Inst of Tech Lexington Lincoln Lab
  Corp. Source Codes: 207650
  Sponsor: Naval Electronic Systems Command, Washington, D.C.; Electronic
Systems Div., Hanscom AFB, Mass.
  Report No.: TN-1975-26; ESD-TR-75-329
  17 Dec 75   118p
  Journal Announcement: GRAI7611
  Order   this   product   from   NTIS   by: phone   at   1-800-553-NTIS   (U.S.
customers);   (703)605-6000   (other   countries);   fax   at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC A06/MF A01

  ... basic approach is FDMA with QPSK modulated data streams individually
modified by spectral shaping using **data**   **windows** . From **extensive**

computer simulations it is concluded that with relatively little degradation 20 unsynchronized 16 kbps satellite users...

11/3,K/39   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2001 INIST/CNRS. All rts. reserv.

  14129244   PASCAL No.: 99-0325387
 Compatibility and interaction style in computer graphics
 FITZMAURICE G W; BUXTON B
 Alias-Wavefront Inc, Toronto Ont, Canada
 Journal: Computer Graphics (ACM), **1998** , 32 (4) 64-68
 Language: English

  1998

English Descriptors: Interactive **widgets** ; Reviews; Three **dimensional**
 computer graphics; Interactive **computer** graphics; Mice (computer
 peripherals); Computer keyboards; Database systems; Data structures; Data
 reduction; APL (programming language...

11/3,K/40   (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2001 INIST/CNRS. All rts. reserv.

  13361020   PASCAL No.: 98-0089214
 Report of a national neurosurgical emergency teleconsulting system.
Commentary
 GRAY W P; SOMERS J; BUCKLEY T F; MARTIN-RODRIGUEZ J G comment; FRIEDMAN W
A comment; MARSHALL L F comment; THOMAS D G T comment
 Department of Neurosurgery, Cork University Hospital, Cork, Ireland;
Management Services, Southern Health Board, Cork, Ireland
 Journal: Neurosurgery, **1998** , 42 (1) 103-108
 Language: English

  1998
 ... fuse data from multiple exposures at different integration periods.
The system is based on personal **computers** using Microsoft **Windows** 3.11.
 Data are transmitted on a **wide** -area network at 128 kilobits/s, over
Integrated Systems Digital Network lines. The network connects...

11/3,K/41   (Item 3 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2001 INIST/CNRS. All rts. reserv.

  12744192   PASCAL No.: 96-0453621
 Brains behind the brawn: developing data acquisition and control
software
 HOWELL J; MERRITT K
 American Advantech Corp, Sunnyvale CA, United States
 Journal: Sensors (Peterborough, NH), **1996** , 13 (9 1) 38-40
 Language: English

  1996

...English Descriptors: library; Application; Data acquisition; Computer
 software; Object oriented programming; Computer programming languages;
 Graphical user interfaces; **Computer** hardware; DOS; Display devices;
 Functions; **Data**   **reduction** ; Software engineering; **Windows** ; Sensor
 data fusion; Theory

11/3,K/42   (Item 1 from file: 34)

06399073   Genuine Article#: YP927   No. References: 13
Title: Report of a national neurosurgical emergency teleconsulting system
Author(s): Gray WP (REPRINT) ; Somers J; Buckley TF
Corporate Source: SOUTHAMPTON GEN HOSP,DEPT CLIN NEUROSCI, S ACAD
     BLOCK/SOUTHAMPTON SO16 6YD/HANTS/ENGLAND/ (REPRINT); CORK UNIV
     HOSP,DEPT NEUROSURG/CORK//IRELAND/; SO HLTH BOARD,MANAGEMENT
     SERV/CORK//IRELAND/
Journal: NEUROSURGERY, **1998** , V42, N1 (JAN), P103-107
ISSN: 0148-396X   Publication date: 19980100
Publisher: WILLIAMS & WILKINS, 351 WEST CAMDEN ST, BALTIMORE, MD 21201-2436
Language: English   Document Type: ARTICLE   (ABSTRACT AVAILABLE)

, 1998
...Abstract: fuse data from multiple exposures at different integration
     periods. The system is based on personal **computers** using Microsoft
     Windows 3.11. **Data** are transmitted on a **wide** -area network at 128
     kilobits/s, over Integrated Systems Digital Network lines. The network
     connects...

11/3,K/43   (Item 1 from file: 99)

1889841 H.W. WILSON RECORD NUMBER: BAST93042037
Graphical analysis in Windows
AUGMENTED TITLE: IDL for Windows
Schmalzel, John L;
IEEE Spectrum v. 30 (Aug. 1993) p. 15
DOCUMENT TYPE: Product Evaluation ISSN: 0018-9235

ABSTRACT: Taking powerful analysis and display capabilities from Unix- and
VMS-based workstations, Interactive **Data** Language (IDL) for **Windows** ,
from Research Systems, **extends** these capabilities to the **PC**
environment. The product is well suited to general engineering and
scientific use. IDL requires 8...
 1993

```
Set      Items    Description
S1       12373    (DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR
                  ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2     1141837    RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR -
                  LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI-
                  ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA-
                  GNITUD? OR PROPORTION?
S3     1113109    COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO-
                  NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4      402141    COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-
                  PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C-
                  ONSOLE? OR TERMINAL?
S5        9371    (COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HA-
                  ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK-
                  ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA-
                  L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6     1301142    S2 OR S3
S7        1722    S6(5N)S1
S8      402141    S4 OR S5
S9        1550    S7 AND S8
S10         99    S7(10N)S8
S11          3    AU="AMRO H Y":AU="AMRO HATIM YOUSEF"
S12          2    AU="DODSON J P" OR AU="DODSON JOHN PAUL"
S13          2    S11 AND S12
S14          8    S10 AND (IC=G06F-015/00 OR IC=G06F-003/14)
S15         60    S7(5N)S8
```

00551273
Method and apparatus for graphic association of user dialog displays with
    primary applications in a data processing system.
Verfahren und Einrichtung zur graphischen Assoziierung von
    Anwenderdialoganzeigen mit den Hauptanwendungen in einem
    Datenverarbeitungssystem.
Procede et dispositif d'association graphique des fenetres de dialogue
    d'utilisateur et des applications primaires dans un systeme de
    traitement de donnees.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Keane, Patrick J., 4345 Woodglen, Grapevine, TX 76051, (US)
  Richards, Justin James Campling, Mill House 2 Aspley Court - Hill Farm,
    Hatton Warwick CV35 7EH, (GB)
LEGAL REPRESENTATIVE:
  de Pena, Alain (15151), Compagnie IBM France Departement de Propriete
    Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 508927 A2 921014 (Basic)
                              EP 508927 A3 941117
APPLICATION (CC, No, Date):   EP 92480027 920226;
PRIORITY (CC, No, Date): US 683381 910410
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-003/023; **G06F-003/14** ; G06F-009/44

ABSTRACT EP 508927 A2
    A method and apparatus for the graphic association of a user dialog
  display with its primary application in a data processing system. A
  unique miniature graphic representation, or icon, is created for each
  primary application within a data processing system which has a plurality
  of primary applications simultaneously active therein. Thereafter, each
  time a user dialog for a selected primary application is displayed within
  a window, a copy of the unique miniature graphic representation of the
  selected primary application is displayed, in a normally unused portion
  of the user dialog window, thereby permitting a user to readily identify
  the association between the user dialog window and its underlying primary
  application. In a depicted embodiment of the present invention, the
  selection of a unique miniature graphic representation within a user
  dialog window, by means of a graphic pointing device, will result in the
  creation of a textual display identifying the primary application by
  name. (see image in original document)
ABSTRACT WORD COUNT: 160

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 921014 A2 Published application (A1with Search Report
                               ;A2without Search Report)
 Examination: 930421 A2 Date of filing of request for examination:
                               930218
 Change: 941026 A2 Obligatory supplementary classification
                               (change)
 Search Report: 941117 A3 Separate publication of the European or
                               International search report
 Examination: 961113 A2 Date of despatch of first examination report:
                               961001
 Withdrawal: 980128 A2 Date on which the European patent application
                               was withdrawn: 971203
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) EPABF1   361
      SPEC A   (English) EPABF1   2293

Total word count - document A   2654
Total word count - document B   0
Total word count - documents A + B   2654
...INTERNATIONAL PATENT CLASS: **G06F-003/14**

...SPECIFICATION the display in order to receive inputs.
    Another change which the enhanced power of modern **computer** systems
makes possible is the **increased** utilization of "user **dialogs** ," or
pop-up **windows** which are used by **computer** applications to gather
additional information from users. Examples of common user dialog windows
are "file open," "file save," "file print," "font selection," "color
selection," and "page setup." The **increased** utilization of such user
dialog windows has resulted in an attempt by modern **computer** system
architects to utilize common dialogs wherever possible. That is, the
"page setup" user dialog...

14/5,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00489889
Bus architecture for a multimedia system
Busarchitektur fur ein Multimediensystem
Architecture de bus pour un systeme multimedia
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (Proprietor designated states: all)
INVENTOR:
  Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, Florida
    33414, (US)
  Freeman, Bobby Joe, 1381 SW 29th Avenue, Boynton Beach, Florida 33426,
    (US)
  Suarez, Gustave Armando, 21482 Woodchuck Lane, Boca Raton, Florida 33428,
    (US)
  Wilkie, Bruce James, 15635 Lindbergh Lane, West Palm Beach, Florida 33414
    , (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date):   EP 493881   A2   920708 (Basic)
                               EP 493881   A3   921230
                               EP 493881   B1   950920
                               EP 493881   B2   000426
APPLICATION (CC, No, Date):   EP 91310693 911120;
PRIORITY (CC, No, Date): US 625577 901211
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-003/14** ; G09G-005/00
CITED PATENTS (EP A): US 4947257 A
CITED PATENTS (EP B): EP 137761 A; EP 139569 A; EP 376376 A; WO 87/00658 A;
  DE 4006271 A; US 4334288 A; US 4468738 A; US 4947257 A
CITED REFERENCES (EP A):
  OPERATING SYSTEMS REVIEW (SIGOPS) vol. 24, no. 2, April 1990, NEW YORK US
    pages 19 - 33 , XP000140421 ANDY HOPPER 'PANDORA - AN EXPERIMENTAL
    SYSTEM FOR MULTIMEDIA APPLICATIONS';
CITED REFERENCES (EP B):
  OPERATING SYSTEMS REVIEW (SIGOPS), vol. 24, no. 2, April 1990, New York,
    US, pages 19-33, XP000140421, ANDY HOPPER: "PANDORA - AN EXPERIMENTAL
    SYSTEM FOR MULTIMEDIA APPLICATIONS";

ABSTRACT EP 493881 A2
    An information handling apparatus for transferring and composing image
signals for display. The apparatus includes a bus adapted to allow
selective access for multiple independent image signals generated by
respective independent image sources. The selective access enables
composition of the independent image signals in response to control
information; the composition enables real time display of a composed

image signal. (see image in original document)
ABSTRACT WORD COUNT: 66
NOTE:
  Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Amended: 20000426 B2 Amended patent
  Application: 920708 A2 Published application (A1with Search Report
                             ;A2without Search Report)
  Amended: 20000426 B2 Date of patent maintained as amended:
                             20000426
  Examination: 921223 A2 Date of filing of request for examination:
                             921022
  Search Report: 921230 A3 Separate publication of the European or
                             International search report
  Examination: 940817 A2 Date of despatch of first examination report:
                             940704
  Grant: 950920 B1 Granted patent
  Oppn: 960814 B1 Opposition 01/960620 Deutsche ITT Industries
                             GmbH Patentabteilung; Hans-Bunte-Strasse 19;
                             D-79108 Freiburg; (DE)
                             02/960620 Interessengemeinschaft fur
                             Rundfunkschutzrechte GmbH
                             Schutzrechtsverwertung & Co. KG; Bahnstrasse
                             62; D-40210 Dusseldorf; (DE)
  *Oppn: 980819 B1 Opposition (change) 01/960620 MICRONAS
                             INTERMETALL GmbH; Postfach 840; 79008 Freiburg;
                             (DE)
                             02/960620 Interessengemeinschaft fur
                             Rundfunkschutzrechte GmbH
                             Schutzrechtsverwertung & Co. KG; Bahnstrasse
                             62; 40210 Dusseldorf; (DE)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
        CLAIMS B (English)   200017   480
        CLAIMS B (German)   200017   499
        CLAIMS B (French)   200017   604
        SPEC B   (English)   200017   12384
Total word count - document A   0
Total word count - document B   13967
Total word count - documents A + B   13967.

INTERNATIONAL PATENT CLASS: **G06F-003/14** ...

...SPECIFICATION handling information which is stored in media system
  memory 66, receives the user defined composition **characteristics** . Media
  control module **microprocessor   62** then generates control **information**
  such as switching coordinate information and window priority information
  which is transmitted via the media...

  14/5,K/3   (Item 3 from file: 348)
  DIALOG(R)File 348:EUROPEAN PATENTS
  (c) 2001 European Patent Office. All rts. reserv.

  00489888
  Multimedia system
  Multimediensystem
  Systeme multimedia
  PATENT ASSIGNEE:
    International Business Machines Corporation, (200120), Old Orchard Road,
      Armonk, N.Y. 10504, (US), (Proprietor designated states: all)
  INVENTOR:
    Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, Florida
      33414, (US)
    Freeman, Bobby Joe, 1381 SW 28th Avenue, Boynton Beach, Florida 33426,

(US)

Suarez, Gustave Armando, 21482 Woodchuck Lane, Boca Raton, Florida 33428,
    (US)

Wilkie, Bruce James, 15635 Lindbergh Lane, West Palm Beach, Florida 33414
    , (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 492795 A2 920701 (Basic)
                              EP 492795 A3 921230
                              EP 492795 B1 950920
                              EP 492795 B2 000426
APPLICATION (CC, No, Date):   EP 91310692 911120;
PRIORITY (CC, No, Date): US 625564 901211
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-003/14** ; G09G-005/00
CITED PATENTS (EP A): US 4947257 A
CITED PATENTS (EP B): EP 137761 A; EP 139569 A; EP 376376 A; WO 87/00658 A;
  DE 4006271 A; US 4334288 A; US 4468738 A; US 4947257 A
CITED REFERENCES (EP A):
  OPERATING SYSTEMS REVIEW (SIGOPS) vol. 24, no. 2, April 1990, NEW YORK US
    pages 19 - 33 , XP000140421 ANDY HOPPER 'PANDORA - AN EXPERIMENTAL
    SYSTEM FOR MULTIMEDIA APPLICATIONS'
  IBM TECHNICAL DISCLOSURE BULLETIN. vol. 32, no. 11, April 1990, NEW YORK
    US pages 195 - 198 , XP000097669 'PRIORITIZING VIDEO PIXEL SELECTION';
CITED REFERENCES (EP B):
  OPERATING SYSTEMS REVIEW (SIGOPS) vol. 24, no. 2, April 1990, NEW YORK
    US, pp. 19-33, XPP000140421, A. HOPPER: 'PANDORA - AN EXPERIMENTAL
    SYSTEM FORMULTIMEDIA APPLICATIONS'
  IBM TECHNICAL DISCLOSURE BULLETIN, vol. 32, no. 11, April 1990, NEW YORK
    US, pp. 195-198, XP000097669, 'PRIORITIZING VIDEO PIXEL SELECTION';

ABSTRACT EP 492795 A2
    An information handling apparatus for transferring and composing image
    signals including a plurality of media sources configured to provide a
    corresponding plurality of image signals, a media bus connected to the
    media sources, and a media control module coupled to the media bus. The
    media bus allows selective access for the plurality of image signals. The
    selective access enables composition of the independent image signals in
    response to control information. The media control module receives a
    composed image signal from the media bus and to provides the composed
    image signal to a display device. (see image in original document)
ABSTRACT WORD COUNT: 101
NOTE:
  Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 010228 B2 Date of lapse of European Patent in a
                               contracting state (Country, date): GB
                               19991120,
  Amended: 20000426 B2 Amended patent
  Application: 920701 A2 Published application (A1with Search Report
                               ;A2without Search Report)
  Amended: 20000426 B2 Date of patent maintained as amended:
                               20000426
  Examination: 921223 A2 Date of filing of request for examination:
                               921022
  Search Report: 921230 A3 Separate publication of the European or
                               International search report
  Examination: 940817 A2 Date of despatch of first examination report:
                               940704
  Grant: 950920 B1 Granted patent
  Oppn: 960814 B1 Opposition 01/960620 Deutsche ITT Industries
                               GmbH Patentabteilung; Hans-Bunte-Strasse 19;
                               D-79108 Freiburg; (DE)
                               02/960620 Interessengemeinschaft fur
                               Rundfunkschutzrechte GmbH
                               Schutzrechtsverwertung & Co. KG; Bahnstrasse

*Oppn: 980819 B1 Opposition (change) 01/960620 MICRONAS
                      INTERMETALL GmbH; Postfach 840; 79008 Freiburg;
                      (DE)
                      02/960620 Interessengemeinschaft fur
                      Rundfunkschutzrechte GmbH
                      Schutzrechtsverwertung & Co. KG; Bahnstrasse
                      62; 40210 Dusseldorf; (DE)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200017	414
CLAIMS B	(German)	200017	408
CLAIMS B	(French)	200017	484
SPEC B	(English)	200017	12373
Total word count - document A			0
Total word count - document B			13679
Total word count - documents A + B			13679

INTERNATIONAL PATENT CLASS: **G06F-003/14** ...

...SPECIFICATION stored in media system memory 66, receives the user
  defined composition characteristics. Media control module **microprocessor**
  62 then generates control information **such** as switching coordinate
information   and   window priority **information** which is transmitted
  via the media control channel of media bus 24 to the media...

   14/5,K/4   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00452947
ROBOTIC INTERFACE
ROBOTISCHE SCHNITTSTELLE
INTERFACE ROBOTIQUE
PATENT ASSIGNEE:
  THE PERKIN-ELMER CORPORATION, (671593), Applied Biosystems Division 850
   Lincoln Centre Drive, Foster City California 94404, (US), (applicant
   designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  GUIREMAND, Harry, A., 454 Second Avenue, Half Moon Bay, CA 95019, (US)
LEGAL REPRESENTATIVE:
  West, Alan Harry et al (37493), R.G.C. Jenkins & Co. 26 Caxton Street,
   London SW1H 0RJ, (GB)
PATENT (CC, No, Kind, Date): EP 496785 A1 920805 (Basic)
                              EP 496785 A1 930303
                              EP 496785 B1 970326
                              WO 9106050 910502
APPLICATION (CC, No, Date):   EP 90915596 901016; WO 90US6000 901016
PRIORITY (CC, No, Date): US 423785 891017
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-003/14** ; B25J-009/16
CITED PATENTS (WO A): US 4959799 A; US 4549275 A; US 4965743 A; US 4860204
  A; US 4613946 A; US 4642780 A
CITED REFERENCES (EP A):
 · PROCEEDINGS 1987 FALL JOINT COMPUTER CONFERENCE - EXPLORING TECHNOLOGY :
   TODAY AND TOMORROW October 25-29, 1987, DALLAS, TEXAS, US pages 129 -
   137 TADAO ICHIKAWA AND MASAHITO HIRAKAWA 'Visual Programming - Toward
   Realization of User-Friendly Programming Environments';
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 20000126 B1 Date of lapse of European Patent in a
                            contracting state (Country, date): BE
                            19970326, CH 19970326, LI 19970326, DK
                            19970326, GR 19970326,

```
Application:            920805 A1 Published application (A1with Search Report
                                  ;A2without Search Report)
Lapse:                  20000209 B1 Date of lapse of European Patent in a
                                  contracting state (Country, date):  BE
                                  19970326, CH 19970326, LI 19970326, DK
                                  19970326, GR 19970326, LU 19971031,
Examination:            920805 A1 Date of filing of request for examination:
                                  920514
Search Report:          930303 A1 Drawing up of a supplementary European search
                                  report: 930109
Examination:            950712 A1 Date of despatch of first examination report:
                                  950529
Change:                 960110 A1 Representative (change)
*Assignee:              960110 A1 Applicant (transfer of rights) (change): THE
                                  PERKIN-ELMER CORPORATION (671593) Applied
                                  Biosystems Division 850 Lincoln Centre Drive
                                  Foster City California 94404 (US) (applicant
                                  designated states:
                                  AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
*Assignee:              960110 A1 Previous applicant in case of transfer of
                                  rights (change): APPLIED BIOSYSTEMS, INC.
                                  (671591) 777 Lincoln Centre Drive Foster City
                                  California 94404 (US) (applicant designated
                                  states:
                                  AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
Grant:                  970326 B1 Granted patent
Lapse:                  971203 B1 Date of lapse of the European patent in a
                                  Contracting State: BE 970326
Lapse:                  980121 B1 Date of lapse of the European patent in a
                                  Contracting State: BE 970326, CH 970326, LI
                                  970326
Lapse:                  980121 B1 Date of lapse of the European patent in a
                                  Contracting State: BE 970326, CH 970326, LI
                                  970326
Oppn None:              980318 B1 No opposition filed
Lapse:                  980408 B1 Date of lapse of the European patent in a
                                  Contracting State: BE 970326, CH 970326, LI
                                  970326, DK 970326
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language   Update     Word Count
      CLAIMS B  (English)  EPAB97       1056
      CLAIMS B  (German)   EPAB97       1137
      CLAIMS B  (French)   EPAB97       1214
      SPEC   B  (English)  EPAB97       7579
Total word count - document A              0
Total word count - document B          10986
Total word count - documents A + B     10986
```

INTERNATIONAL PATENT CLASS: **G06F-003/14** ...

...SPECIFICATION in the dispense function.
    In programs other than Proto, such as programs prepared in Apple
Computer 's Hypercard application or in Microsoft's Windows program,
expanding a symbol results in a **window** floating over the **icon** , and
the network representation, if any, appears as though the window is in a
separate...

14/5,K/5   (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00384134
MULTI-WINDOW COMMUNICATION SYSTEM
UBERTRAGUNGSSYSTEM MIT MEHREREN BILDAUSSCHNITTEN
SYSTEME DE COMMUNICATION MULTIFENETRE

PATENT ASSIGNEE:
  FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi,
    Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  OBATA, Akihiko, 1-10-3, Inokashira, Mitaka-shi,Tokyo 181, (JP)
  KAMATA, Hajime,201 Daisan-Nakahara Bldg., 1285, Shimokodanaka,
    Nakahara-ku,Kawasaki-shi,Kanagawa 211, (JP)
  YANO, Katsutoshi, 7-12-28, Higashi-oizumi, Nerima-ku,Tokyo 178, (JP)
  ADACHI, Motomitsu, 3-5-1, Nakakaigan, Chigasaki-shi,Kanagawa 253, (JP)
LEGAL REPRESENTATIVE:
  Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann Eitle, Patent- und
    Rechtsanwalte, Postfach 81 04 20, 81904 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 378697 A1 900725 (Basic)
                              EP 378697 B1 970903
                              WO 8912859 891228
APPLICATION (CC, No, Date):   EP 89907286 890619; WO 89JP611 890619
PRIORITY (CC, No, Date): JP 88149975 880620; JP 88233502 880920
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-003/033; **G06F-003/14**
CITED PATENTS (WO A): DE 3520285 A; GB 2139042 A; US 4714918 A
CITED REFERENCES (EP A):
  See also references of WO8912859;
CITED REFERENCES (WO A):
  IEEE Communications Magazine, Volume 24, No. 7, July 1986, IEEE, (New
    York, US), K. HASUI et al.: "Man-Machine Interfaces in Office
    Communication Systems", pages 18-23;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 900725 A1 Published application (A1with Search Report
                              ;A2without Search Report)
  Examination: 900725 A1 Date of filing of request for examination:
                              900215
  Examination: 930526 A1 Date of despatch of first examination report:
                              930414
  Grant: 970903 B1 Granted patent
  Oppn None: 980826 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS B (English) 9708W5   1544
      CLAIMS B (German)   9708W5   1431
      CLAIMS B (French)   9708W5   1853
      SPEC B   (English) 9708W5   7974
Total word count - document A   0
Total word count - document B   12802
Total word count - documents A + B   12802

...INTERNATIONAL PATENT CLASS: **G06F-003/14**

...SPECIFICATION receives signals such as a window screen scroll
  confirmation request to and from the other **terminal** . Window management
  means 14 maintains a **window** management **data** such as vertical **width**
  and horizontal width of respective window frames in RAM and performs a
  window frame change...

 14/5,K/6   **(Item 6 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00371641
Remote display control
Ferngesteuerte Anzeige
Dispositif de commande d'affichage a distance
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,

Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
  Callaway, Janet Roberts, 11509 Toledo Drive, Austin Texas 78759, (US)
  McConaughy, John Mark, 11307 Deadoak Lane, Austin Texas 78759, (US)
  Pancoast, Steven Taylor, 9612 Grand Oak Drive, Austin Texas 78750, (US)
  Thompson, Joan Marie, 6200 Eubank NE No.1721, Albuquerque New Mexico
    87111, (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
    Intellectual Property Department Hursley Park, Winchester Hampshire
    SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 375141 A2 900627 (Basic)
                              EP 375141 A3 920304
                              EP 375141 B1 960828
APPLICATION (CC, No, Date):   EP 89311676 891110;
PRIORITY (CC, No, Date): US 287751 881219
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-003/14**
CITED PATENTS (EP A): EP 117281 A; US 4646261 A
CITED REFERENCES (EP A):
  IBM TECHNICAL DISCLOSURE BULLETIN.   vol. 32, no. 4B, November
    1989, NEW YORK US pages 100 - 101; 'METHOD OF ELIMINATING TRANSMISSION
    OF EXCESS DISPLAY DATA';

ABSTRACT EP 375141 A2
    There is disclosed a display unit associated with a remote computer
system communicating with a host computer system. Information, which is
currently being displayed on the display unit and information to be
displayed thereon are compared to determine any differences which exist
therebetween. If the differences exceed a predetermined value, a update
command is generated and transmitted by the host computer system to the
remote computer system along with the information to be displayed if
facilitate the updating of the display unit. If the differences do not
exceed the predetermined value, it is determined which of a plurality
change categories should be used to transmit the differences to the
remote system in the most efficient manner. An update command, which is
associated with the selected one of the plurality of change categories,
and data representing the differences are then enqueued for transmission
to the remote system to facilitate the updating of the display unit.
    (see image in original document)
ABSTRACT WORD COUNT: 163

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 900627 A2 Published application (A1with Search Report
                              ;A2without Search Report)
  Change: 900718 A2 Representative (change)
  Examination: 901219 A2 Date of filing of request for examination:
                              901025
  Search Report: 920304 A3 Separate publication of the European or
                              International search report
  Change: 920513 A2 Representative (change)
  Examination: 940817 A2 Date of despatch of first examination report:
                              940705
  Grant: 960828 B1 Granted patent
  Lapse: 970423 B1 Date of lapse of the European patent in a
                              Contracting State: DE 961129
  Lapse: 970806 B1 Date of lapse of the European patent in a
                              Contracting State: DE 961129, FR 970124
  Oppn None: 970820 B1 No opposition filed
  Lapse: 971015 B1 Date of lapse of the European patent in a
                              Contracting State: DE 961129, FR 970124, GB
                              961128
  Lapse: 991020 B1 Date of lapse of European Patent in a
                              contracting state (Country, date): DE
                              19961129, FR 19970124, GB 19961128, IT
                              19960828,
LANGUAGE (Publication,Procedural,Application): English; English; English

INTERNATIONAL PATENT CLASS: **G06F-003/14**

...SPECIFICATION 48, the area is then stored in the window cache buffer 48
and the display **data** which comprises the **window** is then **compressed**
and queued for transmission to the remote **computer** 14. Upon receipt of
the display data by the remote computer 14, a command containing...

14/5,K/7   **(Item 1 from file: 349)**

00320370
APPARATUS AND METHOD FOR PROJECTION UPON A THREE-DIMENSIONAL OBJECT
APPAREIL ET PROCEDE DE PROJECTION SUR UN OBJET TRIDIMENSIONNEL
Patent Applicant/Assignee:
  THE WALT DISNEY COMPANY
Inventor(s):
  MONROE Marshall M
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9307561 A1 19930415
  Application: WO 92US8626 19921009 (PCT/WO US9208626)
  Priority Application: US 91776075 19911011
Designated States: JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE
Main International Patent Class: **G06F-003/14 ;**
International Patent Class: G06F-015/20;
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12862

English Abstract
  A projection apparatus and method for realistic projection with
  applications to amusement, optical engineering, video shopping and
  cosmetics. Graphics data is entered into a user interface (32, 42, 52)
  and is processed to generate an output (24) representing an image to be
  projected onto a three-dimensional object (12). This output controls a
  light filter (68), such as a plurality of optically superposed color
  composite liquid crystal panels, to selectively filter projected light so
  that an image having a desired appearance is projected upon the object
  (12). The projected image may be interactively modified, stored in memory
  and projected as part of an image sequence to create apparent motion in
  the object.

Japanese Abstract
  Appareil et procede de projection permettant des projections realistes et
  presentant des applications dans les attractions, l'ingenieurie optique,
  le shopping en video et les cosmetiques. On introduit des donnees
  graphiques dans une interface d'utilisateur (32, 42, 52) et on les traite
  afin de generer une sortie (24) representant une image a projeter sur un
  objet tridimensionnel (12). Cette sortie commande un filtre de lumiere
  (68), tel qu'une pluralite de panneaux a cristaux liquides composites en
  couleur superposes optiquement, afin de filtrer selectivement de la
  lumiere projetee de maniere qu'une image ayant une apparence voulue est
  projetee sur l'objet (12). L'image projetee peut etre modifiee de maniere
  interactive, memorisee et projetee sous la forme d'une partie de sequence

d'images afin de conferer a l'objet un mouvement apparent.

Main International Patent Class: **G06F-003/14** ;
Fulltext Availability:
  Claims

Claim
...   console).nLines > = linesInWindow) (**console).selEnd = ·
  (**console).lineStarts [(**console).nLines - linesInWindow + 1];
  (**console).selStart = 0; TEDelete(**console**); (**console**) . selEnd =
  (**console**) . teLength; (**console**).selStart = (**console**
).teLength; TEInsert(text,**length** ,**console**); ClosePolhemusWindowo /*
  ready **window** for **text** stream...

  TEDispose(**console**);
  SetUpWindowo
  /* Create the Polhemus Window, and open it.

  Rect d, v;
  dragRect = screenBits.bounds;
  SUBS...

  14/5,K/8   (Item 2 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00276155
ROBOTIC INTERFACE
INTERFACE ROBOTIQUE
Patent Applicant/Assignee:
  APPLIED BIOSYSTEMS INC
Inventor(s):
  GUIREMAND Harry A
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9106050 A1 19910502
  Application: WO 90US6000 19901016   (PCT/WO US9006000)
  Priority Application: US 89423785 19891017
Designated States: AT BE CH DE DK ES FR GB GR IT JP LU NL SE
Main International Patent Class: **G06F-003/14** ;
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 9265

English Abstract
  An automated apparatus (11) is programmed to perform a process by
  arranging a sequence of first icons (69) on a display (15) in the order
  of the process, wherein the first icons (69) represent functions of the
  apparatus (11), and wherein at least one of the first icons (69) provides
  a visual representation of a function of the apparatus (11). Said at
  least one of the first icons can be expanded to show second icons (81)
  that comprise the function of said at least one of the first icons (69),
  and at least one of the second icons (81) provides a visual
  representation of a subfunction of the apparatus (11). In a preferred
  mode, when said at least one of the first icons (69) is expanded, said at
  least one of the first icons (69) maintains its same sequential
  relationship on the display (15) to the other of the first icons (69) in
  the sequence as before it was expanded.

Japanese Abstract
  On programme un appareil automatise (11) de sorte qu'il effectue un
  procede, en disposant une sequence de premiers pictogrammes (69) sur un
  ecran (15) dans l'ordre du procede. Les premiers pictogrammes (69)
  representent les fonctions de l'appareil (11) et au moins un parmi eux
  est une representation visuelle d'une fonction de l'appareil (11). Au

moins un de ces premiers pictogrammes peut etre agrandi afin qu'il
presente des deuxiemes pictogrammes (81) qui constituent la fonction d'au
moins l'un desdits premiers pictogrammes (69), et au moins un des
deuxiemes pictogrammes (81) est une representation visuelle d'une sous-
fonction de l'appareil (11). Dans un mode de realisation prefere,
lorsqu'au moins un des premiers pictogrammes (69) est agrandi, il garde,
par rapport a l'autre des premiers pictogrammes (69) de la sequence, la
meme position sequentielle qu'il avait a l'ecran (15) avant d'etre
agrandi.

Main International Patent Class: **GO6F-003/14** ;
· Fulltext Availability:
  Detailed Description

Detailed Description
... in the dispense function.

In programs other than Proto, such as programs prepared in Apple
Computer 's Hypercard application or in Microsoft's Windows program,
expanding a symbol results in a **window** floating over the **icon** , and
the network representation, if any, appears as though the window is in a
separate...

13/5,K/1   (Item 1 from file: 348)

01029600
Method and apparatus for interacting with hardware devices remotely
Verfahren und Vorrichtung zur Ferninteraktion mit Hardware-Einrichtungen
Procede et dispositif permettant une interaction a distance avec des
   dispositifs cables
PATENT ASSIGNEE:
  INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
     10504, (US), (applicant designated states:
     AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Amro, Hatim Yousef , 15024 Wells Port, Austin, Texas 78728, (US)
  Dodson, John Paul , 510 Tanner Trail, Pflugerville, Texas 78660, (US
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
     Intellectual Property Department Hursley Park, Winchester Hampshire
     SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 917052 A1 990519 (Basic)
APPLICATION (CC, No, Date):   EP 98309279 981112;
PRIORITY (CC, No, Date): US 971737 971117
DESIGNATED STATES: DE; FR; GB; IE
INTERNATIONAL PATENT CLASS: G06F-009/44;

ABSTRACT EP 917052 A1
    A method and apparatus for allowing a user to receive information from
as well as program a device from a remote location via the Internet or
other communication network. A device capable of being programmed using
well known and understood protocols is connected to a computer which is
coupled to a server having an HTML page for relaying information
pertaining to the device and/or retrieving instructions for programming
the device. A user having a laptop or other remote computer downloads the
HTML page via the Internet, or other network, and is able to retrieve
information concerning the status of the remote device as well as program -
certain characteristics.
ABSTRACT WORD COUNT: 109

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 990519 A1 Published application (A1with Search Report
                             ;A2without Search Report)
  Change: 990915 A1 Legal representative(s) changed 19990727
  Examination: 991201 A1 Date of request for examination: 19991005
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
       CLAIMS A (English) 9920   194
       SPEC A   (English) 9920   4791
Total word count - document A   4985
Total word count - document B   0
Total word count - documents A + B   4985

INVENTOR:
  Amro, Hatim Yousef ...

...US)
  Dodson, John Paul ...

13/5,K/2   (Item 2 from file: 348)

00930560
Accessing television program information
Fernsehprogramminformationszugriff

Acces a l'information de programmes de television
PATENT ASSIGNEE:
   INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
      10504, (US), (applicant designated states:
      BE;CH;DE;ES;FR;GB;IE;IT;LI;NL)
INVENTOR:
   Dodson, John Paul , 510 Tanner Trail, Pflugerville, Texas 78660, (US)
   Amro, Hatim Yousef , 15024 Wellsport, Austin, Texas 78728, (US
LEGAL REPRESENTATIVE:
   Davies, Simon Robert (75451), I B M UK Intellectual Property Department
      Hursley Park, Winchester, Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date):   EP 848554 A2 980617 (Basic)
                               EP 848554 A3 981021
APPLICATION (CC, No, Date):   EP 97309853 971208;
PRIORITY (CC, No, Date): US 764693 961211; US 764694 961211; US 764695
      961211
DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IE; IT; LI; NL
INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT EP 848554 A2
   The present invention relates to a system and method for accessing
   television program information, particularly context sensitive
   information, some of which may be found through the Internet. Program
   information on a television 100 may be interactively displayed by
   receiving a request for program information; displaying program
   information 200; receiving a search request for additional information
   regarding the television program; generating at least one automatic
   search term for a search for the additional information regarding the
   program, the at least one search term being displayed overlaid on a
   program being received by the television 300; searching the Internet for
   the requested information; obtaining a result of the search; and saving
   the result in a memory 102 coupled with the television.
ABSTRACT WORD COUNT: 120

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 980617 A2 Published application (A1with Search Report
                              ;A2without Search Report)
 Search Report: 981021 A3 Separate publication of the European or
                              International search report
 Change: 981021 A2 Obligatory supplementary classification
                              (change)
 Examination: 990512 A2 Date of filing of request for examination:
                              990317
 Change: 990630 A2 Designated Contracting States (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   9825   765
      SPEC A   (English)   9825   3635
Total word count - document A   4400
Total word count - document B   0
Total word count - documents A + B   4400

INVENTOR:
   Dodson, John Paul ...

...US)
   Amro, Hatim Yousef ...

File   16:Gale Group PROMT(R) 1990-2001/Sep 04
         (c) 2001 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2001/Sep 04
         (c)2001 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2001/Sep 04
         (c) 2001 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2001/Sep 04
         (c) 2001 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2001/Sep 05
         (c) 2001 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2001/Sep 04
         (c) 2001 The Gale group
File 211:Gale Group Newsearch(TM) 2001/Sep 04
         (c) 2001 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2001/Aug 31
         (c) 2001 The Gale Group

Set   Items   Description
S1   151428   (DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR
                  ICON OR ICONS)(3N)(BOX? OR WINDOW?) OR WIDGET?
S2   15167874   RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR -
                  LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI-
                  ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA-
                  GNITUD? OR PROPORTION?
S3   8907701   COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO-
                  NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4   6496096   COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-
                  PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C-
                  ONSOLE? OR TERMINAL?
S5   222539   (COMPUTER? OR PC)(3N)(LAPTOP OR PALM()TOP OR PALMTOP OR HA-
                  ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK-
                  ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA-
                  L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6   6496096   S4 OR S5
S7   9937   S2(5N)S1
S8   2866   S3(5N)S1
S9   12241   S7 OR S8
S10   456   S9(5N)S6
S11   28   S10/TI,DE,AB
S12   18   RD (unique items)

12/3,K/1   (Item 1 from file: 16)

06091231   Supplier Number: 53628234 (USE FORMAT 7 FOR FULLTEXT)
**WTS gets pricing overhaul: after users and resellers protest, Microsoft
   reduces client licensing cost.(** Windows   Terminal **Server)(Product
   Information)**
Spooner, John G.
PC Week, v16, n4, p37(1)
Jan 25, 1999
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 451

**WTS gets pricing overhaul: after users and resellers protest, Microsoft
   reduces client licensing cost.(** Windows   Terminal **Server)(Product
   Information)**

12/3,K/2   (Item 2 from file: 16)

04482563   Supplier Number: 46580364
Growing pains: a dud at its birth, Windows NT is back as networking force.
The Wall Street Journal, pA1
July 29, 1996
Language: English   Record Type: Abstract
Document Type: Newspaper; General Trade

ABSTRACT:
...functions of machines and designed to operate a variety of machines,
from high-end desktop **computers** to refrigerator-**sized** data
repositories. According to International **Data** Corp., in 1995, **Windows**
NT possessed 18.7% of all server operating-system shipments. For the year
ended June...

12/3,K/3   (Item 3 from file: 16)

02949344   Supplier Number: 43990164
Mac WordPerfect to gain parity with PC versions
PC Week, p29
July 26, 1993
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Tabloid; General Trade

ABSTRACT:
...The Macintosh interface will feature the button bars, ruler bars, and
status bars of its **PC**   cousins and **reduces** the number of **dialog
boxes** needed to edit documents. The ruler bars in WorkPerfect 3.0 for the
Macintosh offer...

12/3,K/4   (Item 4 from file: 16)

02809890   Supplier Number: 43775477
Software Gargantuans at the Gate
Newsday, p41
April 14, 1993
Language: English   Record Type: Abstract
Document Type: Newspaper; Trade

ABSTRACT:
...NT should hit the market in a few months. Unicenter supplies
business-management systems for **large** and small **computers** , while
Windows provides different **information** choices on a single screen. The
joint effort marks a move by Computer Associates International...

12/3,K/5   (Item 5 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

01847640   Supplier Number: 42339192
Data Packets: Cisco Systems, Inc.
Network World, p13
Sept 2, 1991
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...terminal servers to communicate at high speeds via serial lines with
remote X Window System **terminals** . The software **compresses** X **Window**
information , allowing it to be sent 10X faster than the Serial Line
Internet Protocol, which is...

12/3,K/6   (Item 6 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

01031256   Supplier Number: 41132869
X-window stations access Unix and IBM mainframes
Machine Design, p36
Jan 25, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...X-windows and IBM terminal emulations from the same station. The station
uses a 68020 **microprocessor** for fast **text** , **windowing** and 2-
dimensional graphics. The station bridges the gap between DEC, IBM and
Unix environments.
...

12/3,K/7   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01606541
Avionics:Integrated comms offered for EFA.
FLIGHT INTERNATIONAL   April 4, 1987   p. 371

     ...V/UHF radios. As currrently envisaged, the Iris system would consist
of a compact 2-**box** Jtids, **terminal** for **data** and **limited** voice, 2
V/UHF radios for clear and secure voice and data, and a communications...

12/3,K/8   (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01007056
**SOFTWARE: UNIX-compatible networking operating system provides virtual-file
     access.**
Mini Micro Systems   March, 1984   p. 11-214

... any network. The firm's uNETix features multiple active windows, with the capability of transmitting **data** directly from **window** -to-window, **expansion** , and **contraction** . This allows a **PC** -DOS-based application package to be in 1 window while a UNIX-based package operates ...

12/3,K/9   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

09130018   SUPPLIER NUMBER: 18905879
**CAD industry embraces NT. (computer-aided design, manufacturing
increasingly relies on Microsoft Windows NT software)**
Machlis, Sharon
Design News, v51, n23, p23(2)
Nov 18, 1996
ISSN: 0011-9407   LANGUAGE: English   RECORD TYPE: Abstract

...ABSTRACT: on one machine, instead of having both a workstation and a personal computer. Using one **computer** saves money. International **Data** Corp. expects **Windows** NT to **increase** its market share in CAD-CAM systems from 4% in 1995 to 38% in 2000.

12/3,K/10   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

06444843   SUPPLIER NUMBER: 13720144   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Diagnostic utility software. (Software Review) (includes related articles
on how products were tested, executive summary, rules for networking,
all-purpose utilities, easing configuration problems) (Evaluation)**
Angus, Jeff; Nash, Siobhan
InfoWorld, v15, n18, p64(8)
May 3, 1993
DOCUMENT TYPE: Evaluation   ISSN: 0199-6649   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9800   LINE COUNT: 00825

...ABSTRACT: best overall rating; QAPlus/Win combines Windows and DOS utilities, while WinSleuth Gold gives a **wide** variety of **Windows** **information** with a convenient interface. **PC** Doctor is highly successful at DOS-only diagnosis tasks but displays some misinformation about setup...

12/3,K/11   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

06352040   SUPPLIER NUMBER: 13709595
**PC Tools strengths drawn from competition. (Central Point Software Inc.'s
PC Tools for Windows) (Software Review) (Evaluation)**
Lindquist, Christopher
Computerworld, v27, n13, p39(2)
March 29, 1993
DOCUMENT TYPE: Evaluation   ISSN: 0010-4841   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: to Norton Desktop's 45), and file management is facilitated by instant access to .ZIP **compressed** files. Although **PC** Tools for **Windows** lacks **text** editor and calculator functions, these are minor drawbacks in an otherwise excellent product.

12/3,K/12   (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

06220011   SUPPLIER NUMBER: 13832300   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Finding out more from box office data. (Market Research and the Arts)
Tomlinson, Roger
Journal of the Market Research Society, v34, n4, p389(16)
Oct, 1992
ISSN: 0025-3618   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4880   LINE COUNT: 00397

...ABSTRACT: will be useful in market analysis. Surveys and mailing list
preference questionnaires can only provide **limited   information** . With
computerized   box office systems, arts marketeers can be sure that the
patron data that they are using...

12/3,K/13   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

04122513   SUPPLIER NUMBER: 07790302   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**ADS bringing Windows line to OS/2: menu system set for LAN Manager.
(Automated Design Systems Inc.) (product announcement)**
Morrissey, Jane
PC Week, v6, n42, p61(2)
Oct 23, 1989
DOCUMENT TYPE: product announcement   ISSN: 0740-1604   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 530   LINE COUNT: 00044

...ABSTRACT: will port its Windows Workstation LAN menuing system from
NetWare to Microsoft's LAN Manager. **Windows   Workstation** includes the
Menu , Print Manager and **Extensions** for LANs modules, priced at $595 to
$695 each for NetWare. OS/2 has proven...

12/3,K/14   (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2001 The Gale Group. All rts. reserv.

04625429   SUPPLIER NUMBER: 20165685
**The lightweight portable frontier. (choosing a notebook computer) (Industry
Trend or Event)(Column)**
Howard, Bill
PC Magazine, v17, n3, p97(1)
Feb 10, 1998
DOCUMENT TYPE: Column   ISSN: 0888-8507   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 824   LINE COUNT: 00061

ABSTRACT: People who use a portable **computer** to create **data** need a
Windows machine with a full-**size** keyboard, a display at least 10 inches
in diameter, and hard-disk storage. Those who...

12/3,K/15   (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2001 The Gale group. All rts. reserv.

04045476   SUPPLIER NUMBER: 15031819   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The soul of a social machine. (technology will be defined by what it
connects us to, not by what it processes) (interview with Institute for
the Future director Paul Saffo) (Interview)**
Schuster, Judy
Electronic Learning, v13, n5, p16(2)
Feb, 1994
DOCUMENT TYPE: Interview   ISSN: 0278-3258   LANGUAGE: ENGLISH

...ABSTRACT: used by the educational establishment for drill and practice
when they should be providing a **window** on **larger**   **information** worlds.
Saffo thinks **microcomputers** should be eliminated and opines that future
devices will be defined by what they connect...

12/3,K/16   (Item 1 from file: 275)

01868087   SUPPLIER NUMBER: 17753204
**Where is the extra RAM? (Syncronys Softcorp's SoftRAM95 fails to increase
 PC performance as promised) (Product Information)**
Gillmor, Dan
San Jose Mercury News, p1D(2)
Nov 18, 1995
ISSN: 0747-2099   · LANGUAGE: English   RECORD TYPE: Abstract

...ABSTRACT: 95 or Windows 3.x platforms. Syncronys claims the product
doubles RAM memory available to **Windows** applications using **data
compression** technology. **PC** Magazine claims the product does not increase
system resources or memory under Windows 3.x...

12/3,K/17   (Item 2 from file: 275)

01497592   SUPPLIER NUMBER: 11868769   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Simple SCSI servers: Central Data's expansion   boxes **provide device**
   expandability **with SCSI simplicity. (Small** Computer **Systems Interface;**
  **Central Data Corp.'s SCSI Terminal Servers for HP Apollo 700
  workstations) (Product Watch) (Product Announcement)**
Miller, David
HP Professional, v6, n1, p22(1)
Jan, 1992
DOCUMENT TYPE: Product Announcement   ISSN: 0896-145X   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 529   LINE COUNT: 00042

Simple SCSI servers: Central Data's expansion   boxes **provide device**
   expandability **with SCSI simplicity. (Small** Computer **Systems Interface;**
  **Central Data Corp.'s SCSI Terminal Servers for HP Apollo 700
  workstations) (Product...**

12/3,K/18   (Item 3 from file: 275)

01410204   SUPPLIER NUMBER: 11004918
**Forest & Trees pools information; two 'Providers' extract information into
  customizable reports. (Channel Computing Inc.'s executive information
  system) (Software Review) (evaluation)**
Angus, Kevin
LAN Times, v8, n12, p1(2)
June 17, 1991
DOCUMENT TYPE: evaluation   ISSN: 1040-5917   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: remote Structured Query Language (SQL) servers, which can
often be located on mini- or mainframe **computers** . F&T offers a **menu**
-driven, **windowed** interface that adds a new **dimension** to the phrase
'user-friendly'; its online help facility is particularly well designed. It